

TM 9-2320-208-34P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DS AND GS MAINTENANCE REPAIR PARTS
AND SPECIAL TOOL LISTS

TRUCK, UTILITY: 1/4-TON, 4 X 4,
M38A1 AND M38A1C, AND TRUCK, AMBULANCE:
FRONT LINE, 1/4-TON, 4 X 4, M170 /



HEADQUARTERS, DEPARTMENT OF THE ARMY
JULY 1966

TECHNICAL MANUAL }
No. 9-2320-208-34P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON 25, D.C., 22 July 1966

DS and GS Maintenance Repair Parts and Special Tool Lists

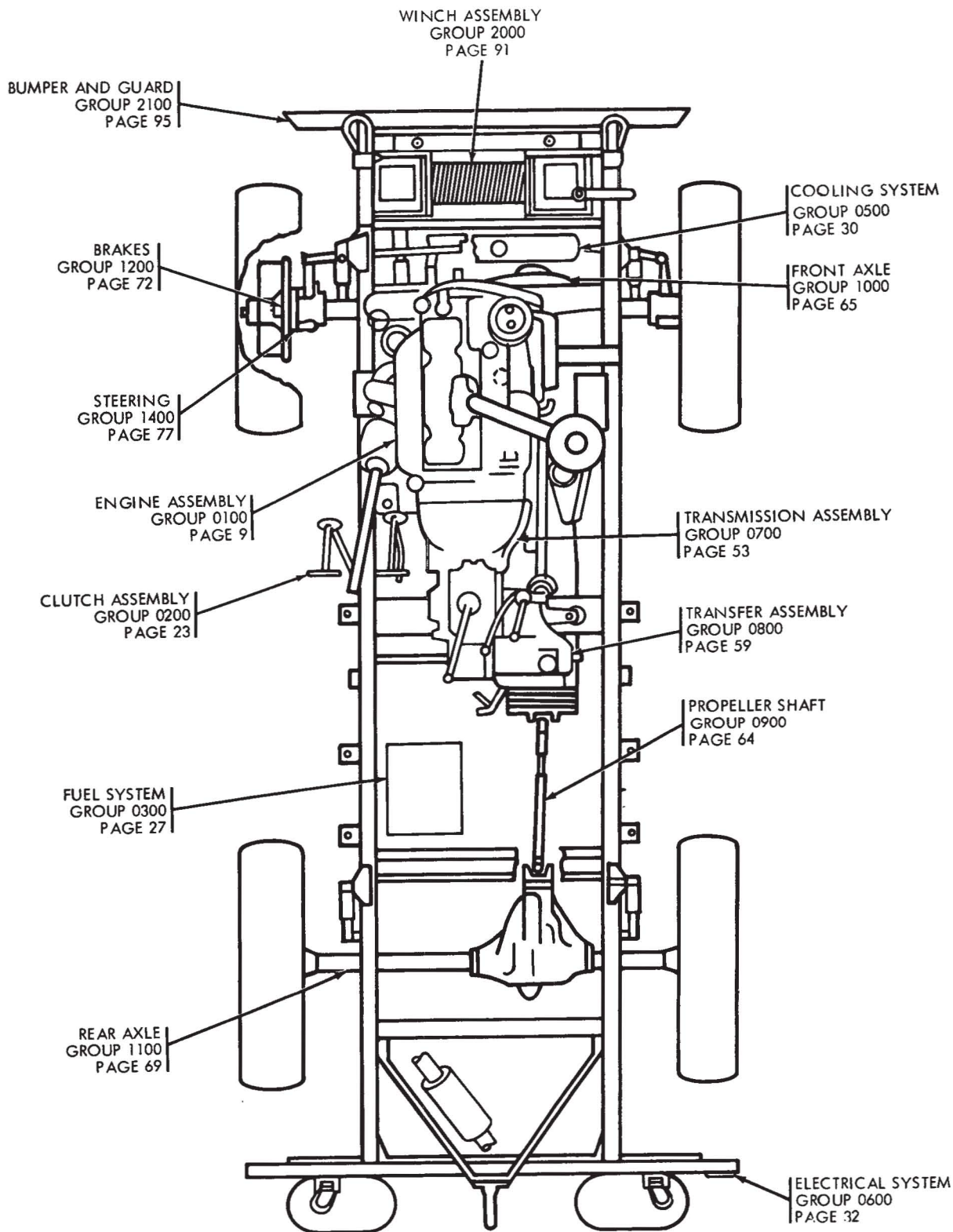
TRUCK, UTILITY: ¼-TON 4 x 4 M38A1 AND M38A1C, AND

TRUCK, AMBULANCE: FRONT LINE ¼-TON, 4 x 4, M170

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*This manual supersedes ORD 8 SNL G758, 26 March 1956, ORD 9 SNL G758, 24 September 1956, and SM 9-4-5180-J16-38, 12 December 1957.

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Visual guide to contents.

ORD E64924

SECTION I

INTRODUCTION

1. General

a. This manual is an illustrated list of repair parts and special tools authorized for field maintenance (general and direct support) of the subject materiel.

b. For direct support maintenance, this list contains all items authorized for initial stockage for direct support maintenance and for supply support to organizational maintenance. For allowance factors for those items, see TM 9-2300-223-34P.

c. For general support maintenance, this list contains items authorized for initial stockage for general support maintenance. For allowance factors for these items, see TM 9-2300-223-34P.

d. The nonsupply items are not stocked for issue and are contained herein for identification only. They are not allocated in the maintenance columns.

e. For prices of Ordnance items listed herein, see the appropriate supply manual of the SM 9-2-series, Stock List of All Items Price List. Prices of items that are the responsibility of technical services other than Ordnance may be obtained from the appropriate type-2 supply manuals for those services.

f. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3-series, Stock List of Repair Parts.

2. Illustration and Text Relationship

a. Illustrated supply items are keyed by numbers to their text listing. In all cases, the illustration and its listing will be on the same or the facing page.

b. Nonillustrated supply items, if any, are listed under the text of the illustrated assembly to which they are most closely related.

c. Nonsupply items are not listed in the text but will be identified by name, part number in a legend on the illustration and the identifying key number will be encircled to indicate nonsupply status.

3. Requisition Notes

a. If the item requisitioned is not furnished, of if other action is necessary, the nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

b. When requisitioning an item, the requesting agency will order the listed item. However, the supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted,

whether it be an individual item, kit, set, or assembly.

c. Special purpose kits, i.e., winterization, etc., must be requisitioned separately, since they are not furnished with each vehicle. Supply lead time should also be considered when placing requisitions for these special kits so they may be on hand when needed.

4. Explanation of Columns

a. *Illustrations.* This column indicates the figure number of the illustration that depicts the item. When more than one item appears on the illustration, the item number is also indicated.

b. *Source, Maintenance, and Recoverability Code.* This column lists a code that indicates the selection status and source of supply of the repair part, the lowest category of maintenance to install or manufacture the repair part, and the recoverability and expendability aspects of the repair part. An example of this code is P-O-R. The "P" indicates that the item is a mission stockage list repair part procured and stocked on a national program basis, the "O" indicates the repair part is authorized to organizational maintenance, and the "R" indicates that the repair part is an expendable, recoverable item. When repair parts supply responsibility has been assigned to a materiel agency other than Ordnance, the basic number of a supplying materiel agency is listed in column 2a, for example, "11" for a Signal materiel item. Refer to paragraph 10 for an explanation of all codes appearing in this manual.

c. *Federal Stock Number.* This column lists the Federal stock number assigned by the Cataloging Division, Armed Forces Supply Support Center.

d. *Description.* The Federal item's name (shown in capital letters) and any additional description required for supply operations are listed in this column. All dimensions listed are in inches unless otherwise specified. For further identification, the materiel control or manufacturer's part number is parenthetically listed at the end of each nomenclature.

e. *Unit of Issue.* The unit of issue column lists the actual unit of issue for each item (ea, lg, ft, etc.).

f. *Quantity Incorporated in Unit.* The quantity shown in this column indicates the number of items required for the particular use indicated. This

quantity does not reflect the total quantity of the part required for the vehicle since it may have other functional uses.

g. 15-Day Field Maintenance Allowance Per 100 Major Items. No quantities are listed in these columns. Refer to TM 9-2300-223-34P, Consolidated Authorized Stockage Lists, for allowance factors of items to be stocked. If an item appears herein and is not listed in TM 9-2300-223-34P, it can be requisitioned for immediate use or stockage in accordance with AR 711-16.

5. How To Find Parts

Parts may be located if one of the following identifying factors is known. All references list the page numbers on which the assembly or part may be found.

a. Major Component, Assembly, or Location. Refer to Visual Guide to Contents on pages

b. Function, Use, or Location. Refer to the table of contents which lists the titles of illustrations and nonillustrated items. The nonillustrated items, if any, are listed with closely related illustrated assemblies or components.

c. Nomenclature (basic noun name). Refer to the alphabetical index on page 000

d. Federal Stock Number. Refer to the Federal stock number index on page 000

e. Ordnance or Manufacturer's Part Number Index. Refer to the ordnance or manufacturer's part number index on page 000

6. Attaching Parts

In some cases, nonillustrated, attaching and/or closely related items are listed indented directly beneath the items to which they pertain.

7. Pertinent Publications

The following publications pertain to this vehicle and its components.

LO 9-2330-208-12

Lubrication Order for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8014

Operator and Organizational Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

TM 9-8015-1

Ordnance Maintenance Manual for Engine (Willys-Overland Model MD) and clutch for 1/4-ton, 4 x 4, utility truck M38A1.

TM 9-8015-2

Ordnance Maintenance Manual for Power train, body and frame for 1/4-ton, 4 x 4, utility truck M38A1 and 1/4-ton, 4 x 4 front line ambulance M170.

TM 9-2320-208-20P

Direct and General Support Maintenance Manual for Truck, Ambulance: front line, 1/4-ton, 4 x 4, M170 and Truck, utility: 1/4-ton, 4 x 4, M38A1 and M38A1C.

8. Special Information

a. When requisitioning repair parts kits, the user is cautioned to note that many kit components are available for issue separately. When a kit component is available separately, it will be listed under the kit entry with a separate Federal Stock Number, issue, and allowance data.

b. Installation of special purpose kits is authorized under criteria defined in SB 9-16 for winterization kits, SB 9-155 for the deepwater fording kit, and SB 11-131 for the 100-ampere generator kit when certain radio equipment is authorized. When requisitioning these special purpose kits, the user is cautioned to take into consideration supply lead time. Refer to the appropriate vehicle modifications required to the vehicle prior to application of the kits.

c. Whenever an illustration appears in this manual without certain items being designated by a number callout, this means that these items are applied only at organizational maintenance level. Items of such will appear in TM 9-2320-208-20P.

9. Abbreviations and Symbols

a. Abbreviations.

| | |
|-----------------|-------------------|
| adj..... | adjust(able)(ing) |
| al-alloy..... | aluminum alloy |
| al-oxide..... | aluminum oxide |
| alloy-S | alloy steel |
| amp..... | ampere(s) |
| amp-hr..... | ampere hour(s) |
| anld..... | annealed |
| anodic-fin..... | anodic-finish |
| approx..... | approximate(ly) |
| assy..... | assembly(ies) |
| b-hd..... | button head |
| bdg-hd..... | binding head |
| blk..... | black |

| | | | |
|----------------------|----------------------------------|--------------|--|
| blunt-pt | blunt point | lkg | locking |
| br | brass | low-carb-S | low carbon steel |
| brgt | bright | lt | light (weight) |
| btry | battery | lubr | lubricator, lubricating, lubrication |
| bz | bronze | mach | machine |
| cand-bay-base | candelabra bayonet base | max | maximum |
| cap | capacity | med | medium |
| cd- or zn-pltd | cadmium or zinc-plated | med-carb-S | medium carbon steel |
| cd-pltd | cadmium plated | MI | malleable iron |
| cham | chamfer(ed) | min | miniature, minimum, minute |
| CI | cast iron | min-bay-base | miniature bayonet base |
| ck | countersunk | mm | millimeter(s) |
| ck-hd | countersunk head | mtg | mounting(s) |
| c/l | center line | mtl | metal |
| cop | copper | NC | National Coarse Thread |
| cp | candle power | neg | negative |
| cr-pltd | chromium plated | NF | National Fine Thread |
| cross-recess-fil-hd | cross-recess fillister head | ni | nickel |
| cross-recess-oval-hd | cross-recess oval head | ni-alloy-S | nickel alloy steel |
| cross-recess-pan-hd | cross-recess pan head | ni-pltd | nickel plated |
| crown-hd | crown head | No. | number(s) |
| ctd | coated | nom | nominal |
| dble | double | non-rvrs | nonreversible |
| dble-fil | double filament | NPT | National Taper Pipe Threads |
| deg | degree(s) | NPTF | National Taper Pipe Threads (Dry-seal) |
| dia | diameter | NS | National Special Thread |
| dld | drilled | od | olive drab, outside diameter (dimension) |
| dld-f/c-pin | drilled for cotter pin | oval-hd | oval head |
| dld-sq-hd | drilled square head | oz | ounce(s) |
| ea | each | p-bz | phosphor bronze |
| ext-strong | extra strong | pan-hd | pan head |
| ext-teeth | external teeth (lockwasher) | phos-ctd | phosphate coated |
| F | Fahrenheit | pltd | plated |
| Fed | Federal | pos | positive |
| Fed Spec | Federal Specification | psi | pounds per square inch |
| fig | figure(s) | rd-end | round end |
| fil | filament(s) | rd-hd | round head |
| fil-hd | fillister head | rect | rectangular |
| fin | finish | reg | regular |
| fl | flat | retn | retaining |
| fl-ck-hd | flat countersunk head | rh | right hand |
| fl-pt | flat point | rtc | ratchet |
| gal | gallon(s) | S | steel |
| gimlet-pt | gimlet point | sec | section(s) |
| glvd | galvanized | sgle-cond | single conductor |
| h | height, high | sgle-contact | single contact |
| hd | head | sgle-end | single end |
| hdls | headless | sgle-fil | single filament |
| hex | hexagon(al) | shk | shank |
| hex-hd | hexagon head | sh-met | sheet metal |
| hex-socket | hexagon socket | sh-met-thd | sheet metal thread(s) |
| hv-duty | heavy duty | sltd | slotted |
| hyd | hydraulic | sltd-hd | slotted head |
| id | inside diameter | sp-gr | specific gravity |
| ins | insulated, insulating, insulator | sq | square |
| int-ext-teeth | internal-external teeth | sq-drive | square drive |
| int-teeth | internal teeth | sq-end | square end |
| lb | pound(s) | sq-hd | square head |
| lg | length (long) | sq-socket | square socket |
| lh | left hand | | |
| lht | left-hand thread | | |

| | |
|------------------------|-------------------------|
| std..... | standard |
| stght..... | straight |
| syn-ru..... | synthetic rubber |
| tapd..... | tapered |
| tee-hdl..... | tee handle |
| temp..... | temperature |
| thd..... | thread(ed)(s) |
| thk..... | thick(ness) |
| tnd-bz..... | tinned bronze |
| tnd-cop..... | tinned copper |
| tubr..... | tubular |
| UNC..... | Unified National Coarse |
| UNF..... | Unified National Fine |
| v..... | volts |
| wd..... | wide |
| w/..... | with |
| w/o..... | without |
| wtrprf..... | waterproofed |
| x..... | by(as in 2 x 4) |
| zn..... | zinc |
| zn-dichromate-fin..... | zinc dichromate finish |
| zn-pltd..... | zinc plated |

b. Symbols.

- ☆☆ Indicates items available as part of kit or set.
- † As required
- ☆ Item available separately.

10. Explanation of Codes

a. Source Code.

- P—Applies to repair parts which are high mortality parts; procured by materiel control agencies stocked in and supplied from the Army depot system, and authorized for use at indicated categories of maintenance.
- C—Applies to repair parts authorized for local procurement. If not obtainable from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
- M—Applies to repair parts which are not procured or stocked but are to be manufactured by using units at indicated maintenance echelons.
- P1—Applies to repair parts which are low mortality parts; procured by materiel control agencies and authorized for installation at indicated categories of maintenance.

b. Maintenance Code.

- O Organizational Maintenance
- F Field Maintenance Direct Support
- H Field Maintenance General Support

c. Recoverable Code.

- R—Indicates a repair part or assembly that is expendable and recoverable and is economically repairable and, when available, is furnished by supply on an exchange basis and which may be placed in "ready for issue" condition by one or more of the refinishing, cleaning, replating, anodizing, adjusting, welding, etc., processes.

11. Manufacturers' Symbols

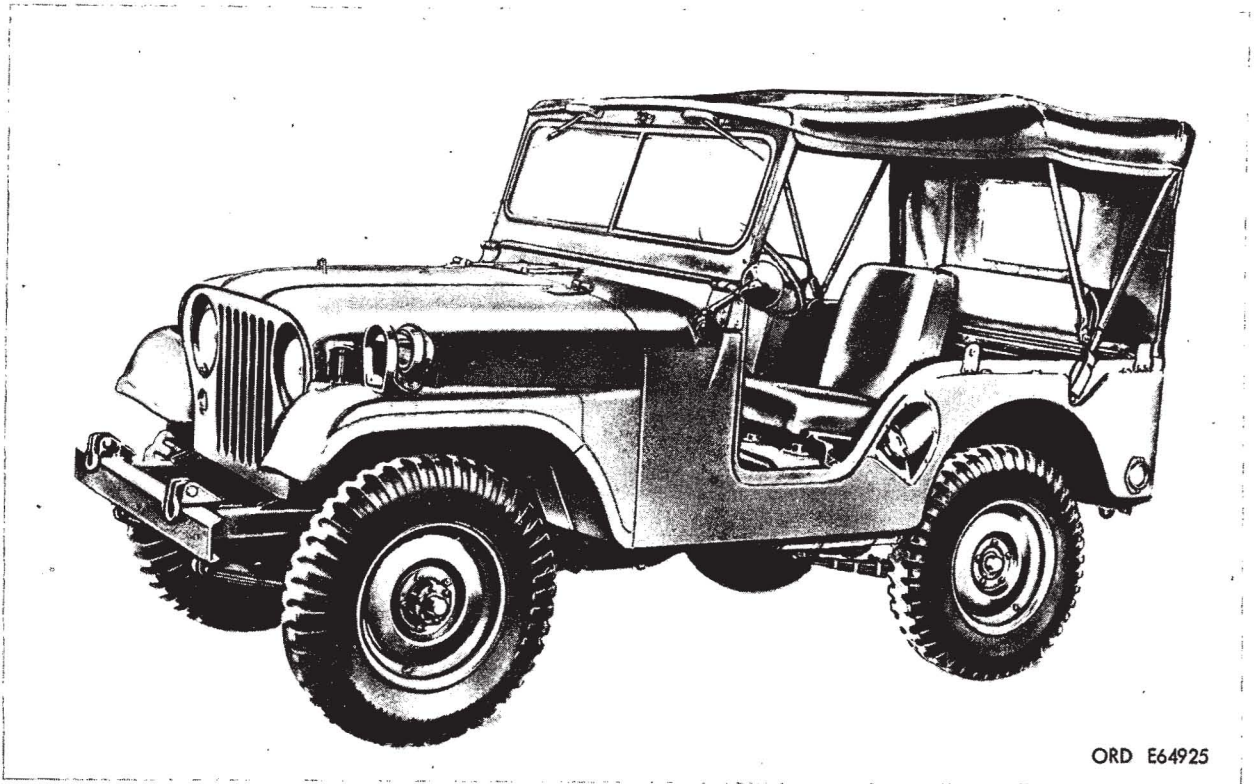
- 16764 Delco-Remy Division of General Motors Corp., Anderson, Indiana
- 18970 E. A. Laboratories, Inc., Brooklyn, N.Y.
- 19728 Electric Auto-Lite Co., Toledo, Ohio
- 24617 General Motors Corp., Detroit, Michigan
- 35510 Leece Neville Co., Cleveland, Ohio
- 58275 Studebaker Division of Studebaker Packard Corp., South Bend, Indiana
- 65909 Willys Motors Inc., Toledo, Ohio
- 71500 Carter Carburetor Division of ACF Industries, Inc., St. Louis, Mo.
- 77220 Perfect Circle Co., Hagerstown, Indiana
- 80244 General Service Administration, Washington, D.C.
- 96906 Military Standards

12. Suggestions and Recommendations

The direct reporting by the individual user of errors, omissions, and recommendations for improving this manual is authorized and encouraged. DA Form 2028 (Recommended Changes to DA Publications) will be used for reporting these improvement recommendations. This form will be completed using pencil, pen, or typewriter, and forwarded direct to Commanding General, U.S. Army Tank-Automotive Center, ATTN: SMOTA-MS, Warren, Mich., 48090.

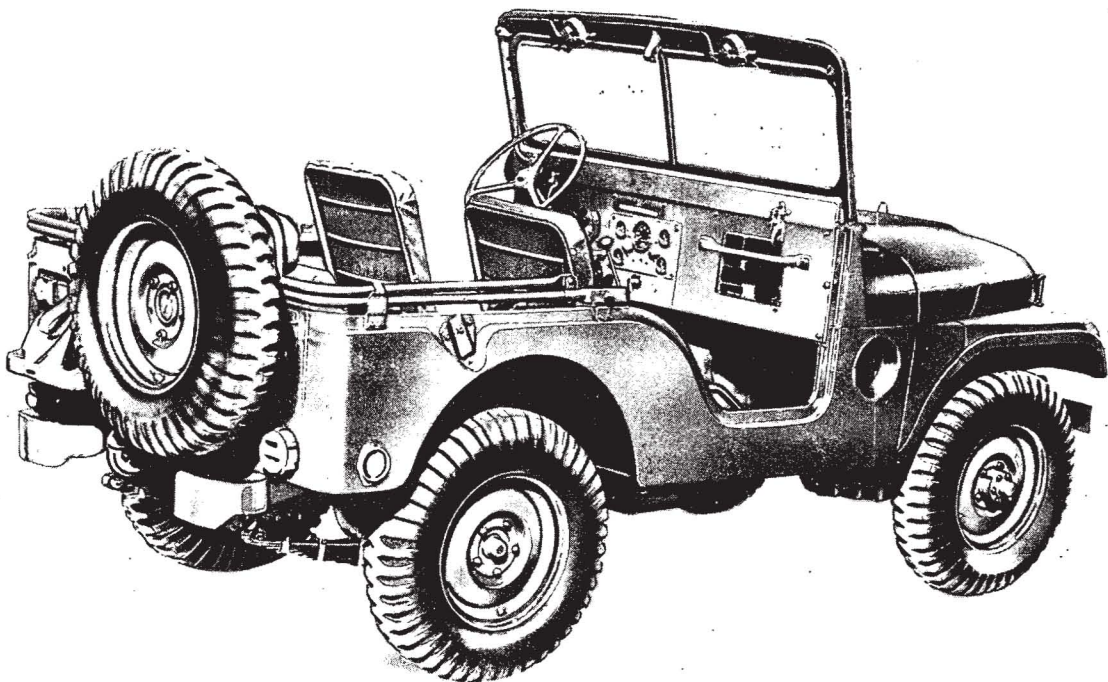
13. Special Tool Kits For Ordnance Personnel

Special tools required by Ordnance organizations for maintenance of the major item are issued as required. Applicable tool kits are listed in section III.



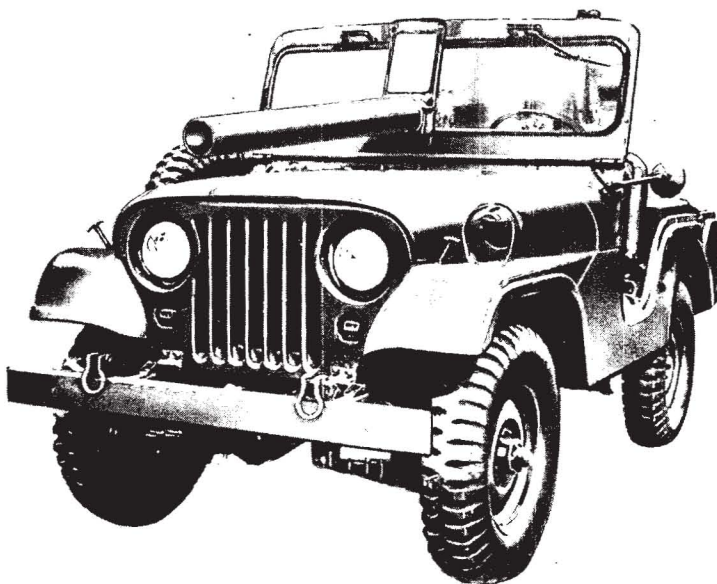
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Figure 1. Truck, utility: 1/4-ton, 4 x 4, M38A1—left front view, top up.



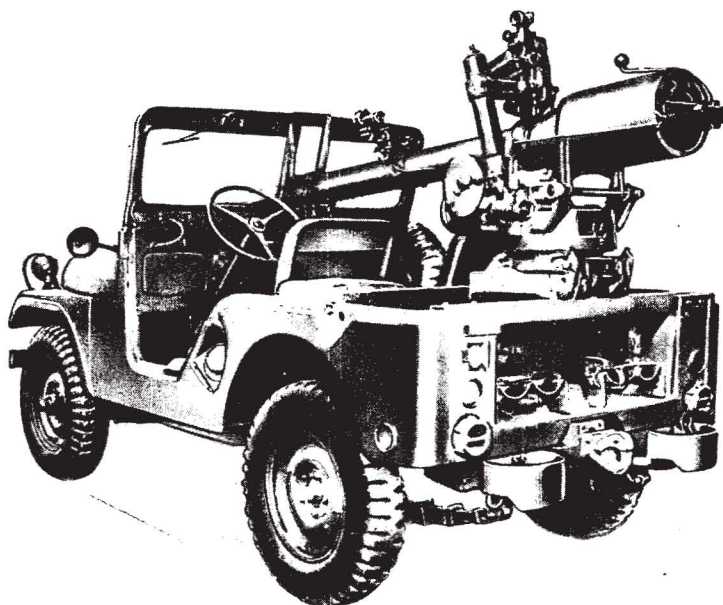
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Figure 2. Truck, utility: 1/4-ton, 4 x 4, M38A1—right rear view, top down.



ORD E64927

Figure 3. Truck, utility: 1/4-ton, 4 x 4, M38A1C—left front view.



ORD E64928

Figure 4. Truck, utility: 1/4-ton, 4 x 4, M38A1C—left rear view.

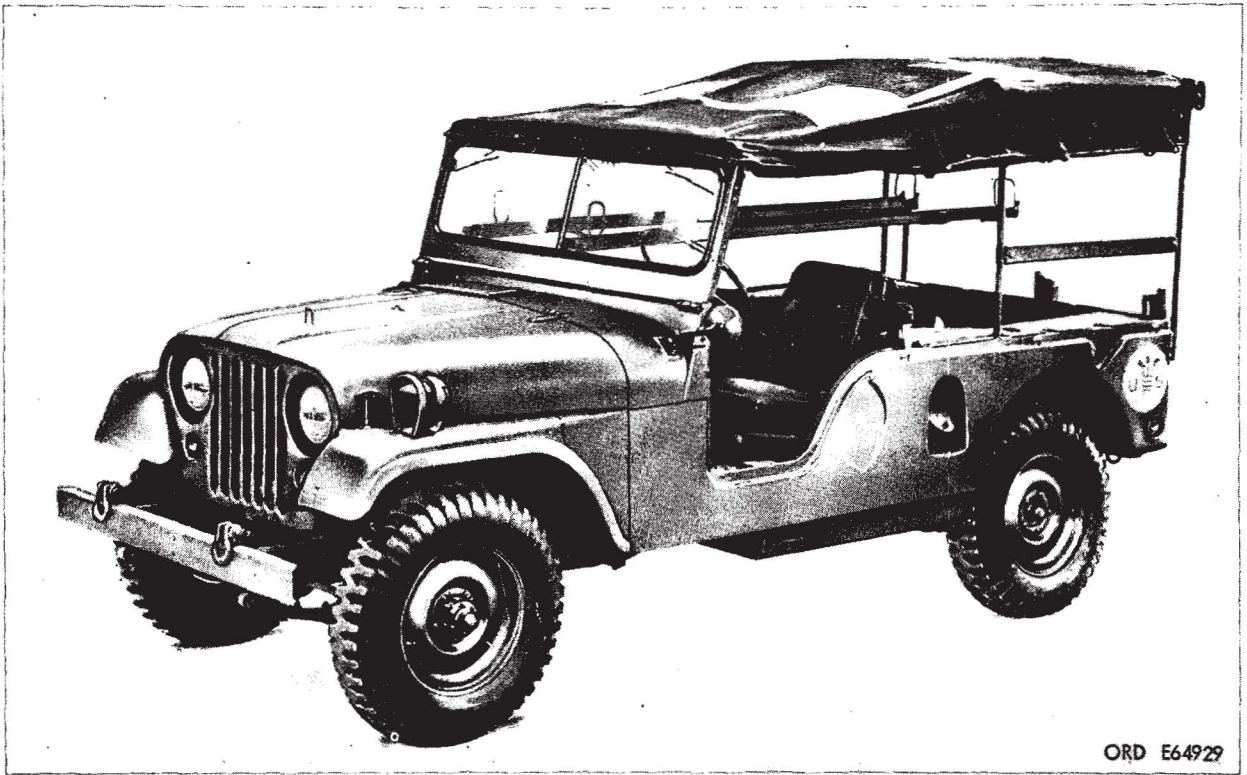


Figure 5. Truck, ambulance: front line, 1/4-ton, 4 x 4, M170—left front view, top up.

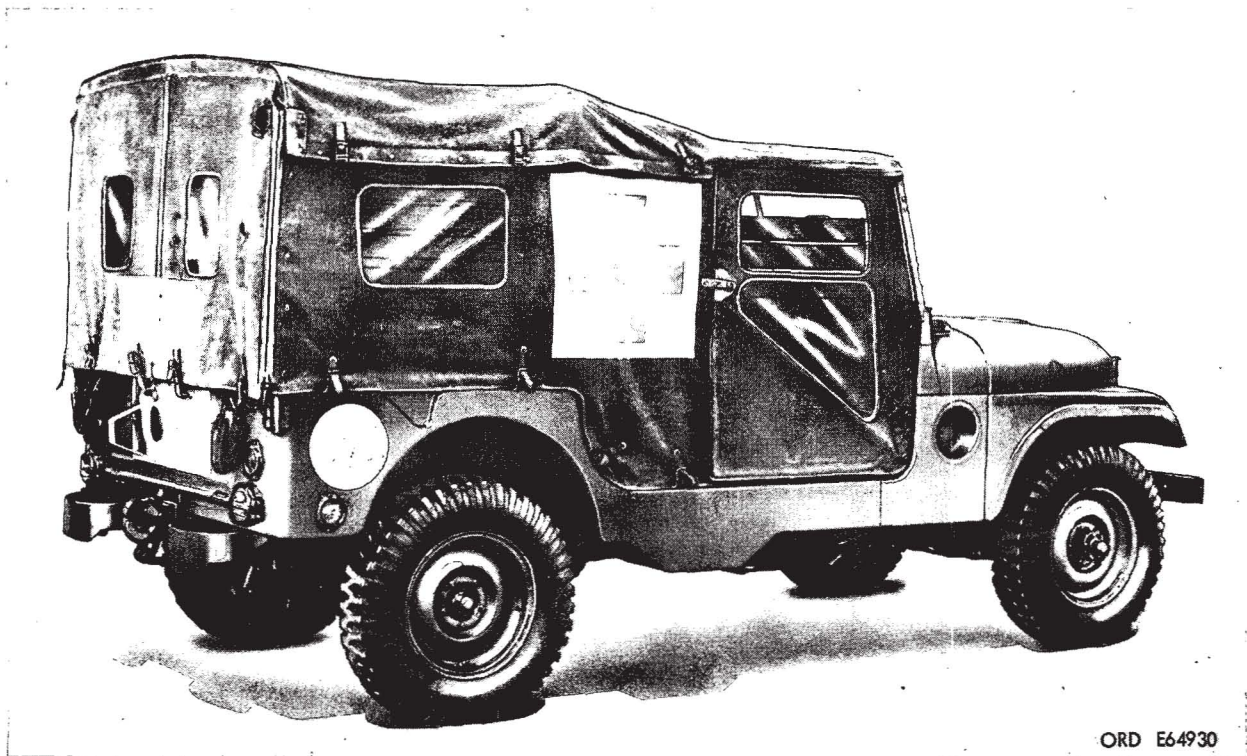


Figure 6. Truck, ambulance: front line, 1/4-ton, 4 x 4, M170—right rear view, top up.

SECTION II

DIRECT AND GENERAL SUPPORT REPAIR PARTS

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 01—ENGINE | | | | | |
| | | | | | | | <i>0100—ENGINE ASSEMBLY AND SHIPPING CONTAINER (NONILLUSTRATED)</i> | | | | | |
| | | | P | F | R | 2805-649-8552 | ENGINE: w/container, assy shipping and storage (5702361). Composed of: 1 CONTAINER, metal (8723200) 1 ENGINE, w/accessories (8328393) | ea | 1 | | | |
| | | KZ | C | F | ---- | 2590-699-9016 | CABLE: stay, assy (8328043)----- | ea | 1 | | | |
| | | | P | F | ---- | 5310-696-5177 | NUT, ASSEMBLED WASHER: hex, ext-teeth lock washer, S, cd- or zn-pltd, 3/8, 24NF-2B, 1/16 w, 27/64 thk (271193). | ea | 2 | | | |
| | | | C | F | ---- | 2805-397-9008 | GASKET SET: valve grind (8328395)----- | ea | † | | | |
| | | | P | O | ---- | 2910-291-6964 | Composed of: 1 GASKET, carburetor insulator (☆) (8329828) | | | | | |
| | | | P | O | ---- | 2805-307-8857 | 1 GASKET, cylinder head (☆) (65909-807036) 1 GASKET, exhaust manifold center (65909-648935) 2 GASKET, exhaust manifold ends (65909-648795) | | | | | |
| | | | C | O | ---- | 5330-360-7970 | 1 GASKET, exhaust pipe flange (☆) (65909-634814) | | | | | |
| | | | C | O | ---- | 5330-360-7418 | 1 GASKET, valve compartment cover (☆) (65909-630305) | | | | | |
| | | | C | O | ---- | 5330-291-9013 | 4 GASKET, valve compartment cover screw and rocker arm cover stud (☆) (8329873) | | | | | |
| | | | C | O | ---- | 2805-040-2543 | 1 GASKET, rocker arm cover (☆) (65909-648798) | | | | | |
| | | | C | O | ---- | 2805-360-7927 | 1 GASKET, vent body to valve compartment cover (☆) (7371272) | | | | | |
| | | | C | O | ---- | 2930-699-9021 | 1 GASKET, thermostat housing (☆) (8328456) | | | | | |
| | | | C | H | ---- | 2805-025-6979 | GASKET SET: engine overhaul (8328394)---- | ea | † | | | |
| | | | P | O | ---- | 2805-307-8857 | Composed of: 1 GASKET, cylinder head (☆) (8328463) | | | | | |
| | | | P | O | ---- | 5330-360-7970 | 1 GASKET, exhaust pipe flange (☆) (7048792) | | | | | |
| | | | C | O | ---- | 2930-699-9021 | 1 GASKET, water outlet elbow (☆) (8328456) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 01—ENGINE—Continued | | | | | |
| | | | | | | | 0100—ENGINE ASSEMBLY AND SHIPPING CONTAINER (NONILLUSTRATED)—Continued | | | | | |
| | | | C | O | ---- | 5330-360-7918 | 1 GASKET, valve spring cover (☆) (7388108) | | | | | |
| | | | C | O | ---- | 2805-040-2543 | 1 GASKET, valve rocker cover (☆) (8329716) | | | | | |
| | | | C | O | ---- | 5330-291-9013 | 4 GASKET, valve cover & rocker cover stud (☆) (8329873) | | | | | |
| | | | | | | | 2 GASKET, exhaust manifold (end) (8329750) | | | | | |
| | | | | | | | 1 GASKET, exhaust manifold (center) (8329751) | | | | | |
| | | | C | O | ---- | 2910-291-6964 | 1 GASKET, carburetor insulator (☆) (8329828) | | | | | |
| | | | C | O | ---- | 2805-360-7927 | 1 GASKET, ventilator to valve cover (☆) (7371272) | | | | | |
| | | | C | F | ---- | 2805-360-7941 | 1 GASKET, gear cover (☆) (7371159) | | | | | |
| | | | C | F | ---- | 2805-737-5028 | 1 SEAL, crankshaft front end oil (☆) (7375028) | | | | | |
| | | | C | H | ---- | 2805-737-2560 | 2 SEAL, crankshaft rear bearing (upper & lower) (☆) (7372560) | | | | | |
| | | | | | | | 2 PACKING, crankshaft bearing cap—rear (7371281) | | | | | |
| | | | | | | | 1 GASKET, cylinder block—front (774-1427) | | | | | |
| | | | | | | | 1 GASKET, oil pan (7371283) | | | | | |
| | | | | | | | 1 GASKET, drain plug (7376904) | | | | | |
| | | | | | | | 1 GASKET, oil float support (7371267) | | | | | |
| | | | C | F | ---- | 2805-360-7950 | 1 GASKET, oil pump to cylinder block (☆) (7372587) | | | | | |
| | | | | | | | 1 GASKET, oil pump cover (7744324) | | | | | |
| | | | P | O | ---- | 2930-354-3772 | 1 GASKET, water pump to cylinder block (☆) (7411250) | | | | | |
| | | | C | O | ---- | 2910-576-4259 | 2 GASKET, fuel pump to cylinder block (☆) (5261672) | | | | | |
| | | | | | | | 0101—ENGINE BLOCK AND RELATED PARTS (fig. 7) | | | | | |
| 7 | 5 | ---- | C | F | ---- | 2805-737-5028 | SEAL: oil cover☆☆, gasket set, 2805-025-6979 (7375028). | ea | 1 | | | |
| 7 | 15 | ---- | C | F | ---- | 2805-040-1876 | GASKET: cylinder block to engine rear end plate (8328049). | ea | 1 | | | |
| 7 | 19 | ---- | C | F | ---- | 2805-040-1875 | GASKET: engine rear end plate to bell housing (8328048). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | X1 | H | ---- | 2510-040-2486 | 01—ENGINE—Continued 0101—ENGINE BLOCK AND RELATED PARTS (fig. 7)—Continued NONILLUSTRATED ITEM REINFORCEMENT: engine rear end plate, right (8328484). | ea | 1 | | | |

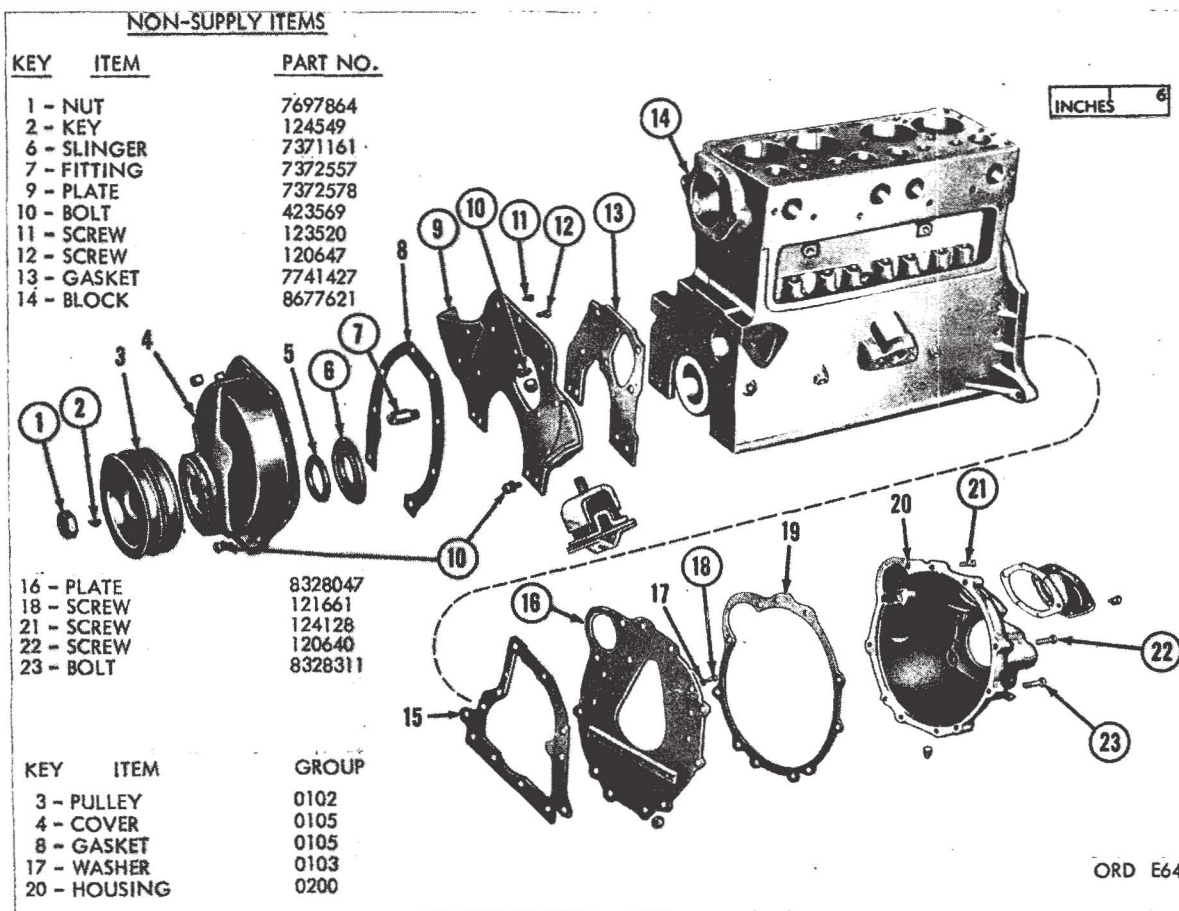


Figure 7. Engine block and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|------------------------|------------------------|---|-------------------|---------------------------------|---------------------------|------------------------------|--|--------------------------------|-------------------------------------|--|-----------------------|---|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 8 | 8 | ---- | C | H | ---- | 2805-535-6678 | <i>01—ENGINE—Continued</i> <i>0101—CYLINDER HEAD AND RELATED PARTS (fig. 8)</i> GUIDE, ENGINE POPPET VALVE: intake valve (8329691). | ea | 4 | | | |

NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. |
|-----|-----------|----------|
| 1 | PLUG | 103877 |
| 2 | HEAD | 8677437 |
| 3 | NIPPLE | 7372808 |
| 4 | STUD | 8329679 |
| 5 | STUD | 178453 |
| 6 | CONNECTOR | 137404 |
| 7 | PLUG | 103868 |

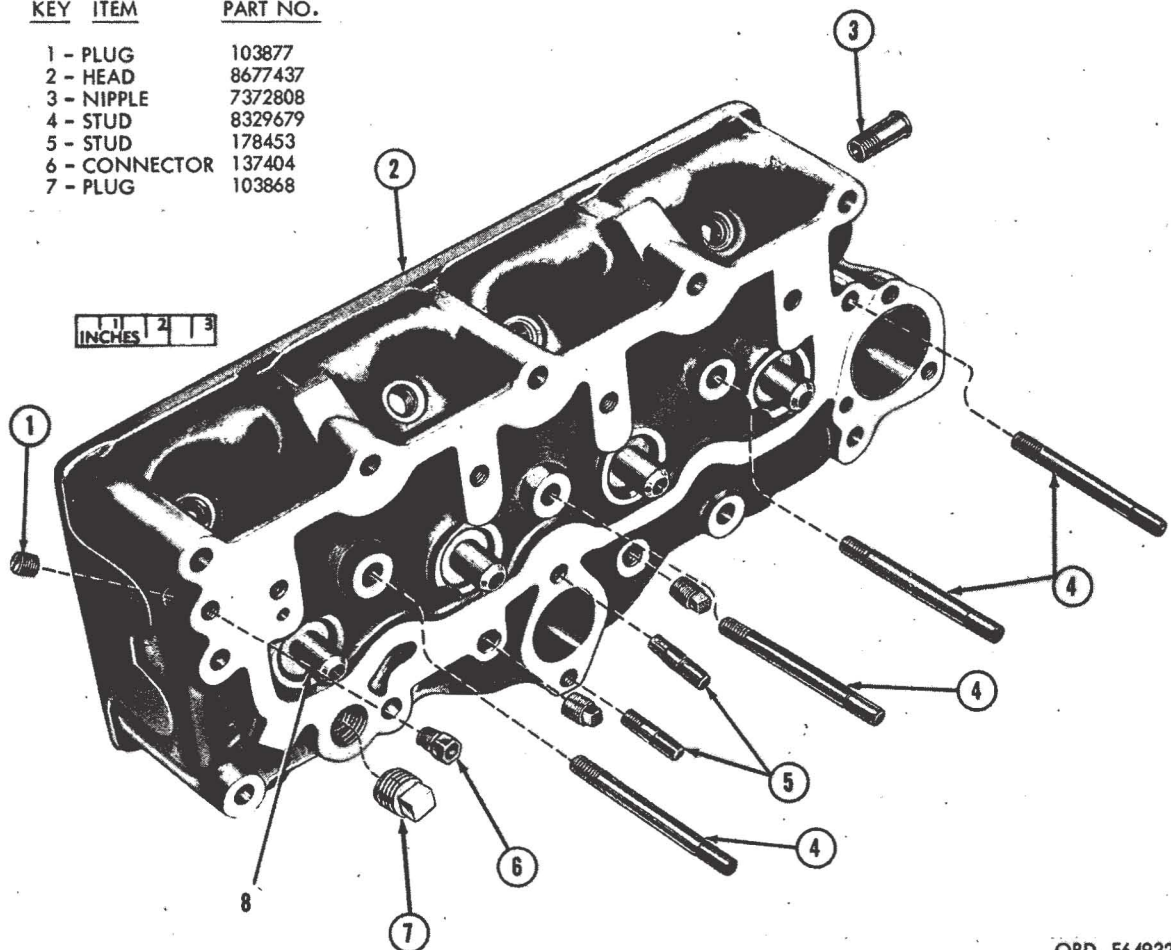


Figure 8. Cylinder head and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;"><i>01—ENGINE—Continued</i></p> <p style="text-align: center;"><i>0102—CRANKSHAFT AND RELATED PARTS (fig. 9)</i></p> | | | | | | | | | | | | |
| 9 | 2 | ---- | C | F | ---- | 2805-774-1414 | SPACER: camshaft gear (7741414)----- | ea | 1 | | | |
| 9 | 5 | ---- | C | H | ---- | 2805-661-5627 | WASHER: thrust (7371160)----- | ea | 1 | | | |
| 9 | 6 | ---- | C | H | ---- | 2805-360-7886 | SHIM: front 0.002 (7371226)----- | ea | † | | | |
| 9 | 7 | ---- | P | R | ---- | 2805-774-4473 | CRANKSHAFT: w/dowel assy (7744473)----- | ea | 1 | | | |
| 9 | 8 | ---- | P | H | ---- | 2805-423-3071 | BEARING SET: standard (7371493)----- | ea | 1 | | | |
| 9 | 8.1 | ---- | | | ---- | | Composed of: | | | | | |
| 9 | 8.2 | ---- | | | ---- | | 1 BEARING, center lower (7372565) | | | | | |
| 9 | 8.3 | ---- | | | ---- | | 1 BEARING, center upper (7372565) | | | | | |
| 9 | 8.4 | ---- | | | ---- | | 1 BEARING, front lower (7372564) | | | | | |
| 9 | 8.5 | ---- | | | ---- | | 1 BEARING, front upper (7372564) | | | | | |
| 9 | 8.6 | ---- | | | ---- | | 1 BEARING, rear lower (7372566) | | | | | |
| 7 | 3 | ---- | P | F | ---- | 2930-204-2252 | 1 BEARING, rear upper (7372566) | | | | | |
| | | | | | | | PULLEY, GROOVE: drive, fan and generator on crankshaft four groove (use w/alternator, 2920-321-6364) (8699713). | ea | 1 | | | |
| 7 | 3 | ---- | C | F | ---- | 2805-737-2558 | PULLEY, GROOVE: drive, fan and generator twin groove (7372558). | ea | 1 | | | |
| <p style="text-align: center;"><i>NONILLUSTRATED ITEMS</i></p> | | | | | | | | | | | | |
| | | | C | H | ---- | 5306-360-4509 | BOLT, MACHINE: bearing cap (7371227)---- | ea | 6 | | | |
| | | | C | H | ---- | 2805-737-2560 | SEAL: oil, rear bearing, upper and lower (7372560). | ea | 2 | | | |

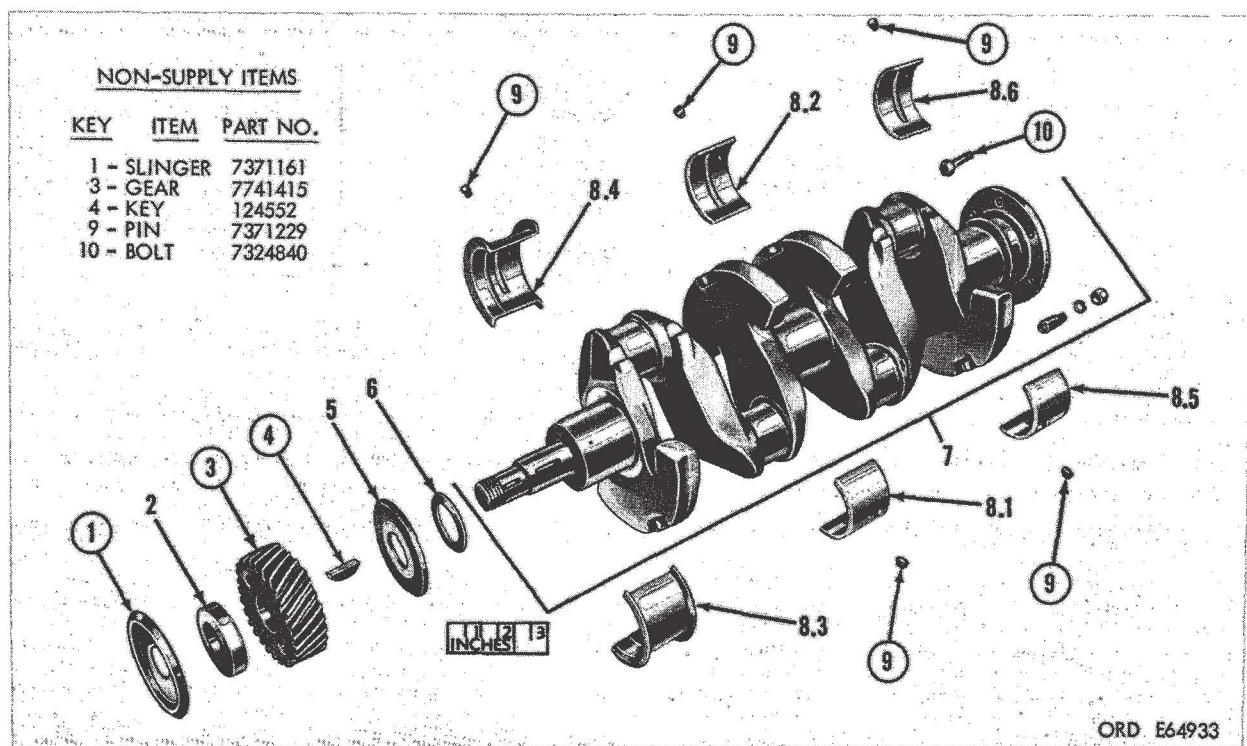


Figure 9. Crankshaft and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>01—ENGINE—Continued</i> | | | | | | | | | | | | |
| <i>0103—FLYWHEEL ASSEMBLY (fig. 10)</i> | | | | | | | | | | | | |
| 10 | 1 | ---- | C | F | ---- | 2805-025-6976 | GEAR: ring (8328046) | ea | 1 | | | |
| | | | P | F | ---- | 5310-013-8549 | WASHER, LOCK: int-teeth, S, cd- or zn-pltd 1/2 screw size (flywheel mounting dowel screw) (138549). | ea | 2 | | | |
| | | | P | F | ---- | 5310-011-4496 | NUT/PLAIN, HEXAGON: S, plain fin., 1/2-20UNF-2B, 3/4 w, 5/16 thk (flywheel mounting dowel bolt) (114496). | ea | 2 | | | |
| 10 | 4 | ---- | P | F | ---- | 5310-543-5653 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 3/8-24UNC-2B, 5/16 w, 21/64 thk (flywheel mounting bolt) (120369). | ea | 4 | | | |
| 10 | 5 | ---- | P | F | ---- | 5310-639-8062 | WASHER, LOCK: ext-teeth S, cd- or zn-pltd, 3/8 screw size (flywheel mounting bolt) (138489). | ea | 4 | | | |
| 7 | 17 | ---- | P | F | ---- | 2520-695-7243 | WASHER: special, engine rear place lock-washer type, external teeth copper (A226060). | ea | 6 | | | |
| <i>NONILLUSTRATED ITEMS</i> | | | | | | | | | | | | |
| | | | P | H | ---- | 5305-012-2007 | SCREW, CAP, HEXAGON HEAD: low-carb, S, cd- or zn-pltd, 5/16-18UNC-2A x 3/4 (122007). | ea | 2 | | | |
| | | | P | H | ---- | 5305-017-2427 | SCREW, TAPPING, THREAD CUTTING: hex-hd, sltd-blunt-pt, S, cd- or zn-pltd, 1/4-20 x 1/2 (172427). | ea | 4 | | | |
| | | | C | F | ---- | 5306-274-0949 | BOLT MACHINE CAP: hex-hd, 5/16-18NC-2 x 1/6 (7324841). | ea | 6 | | | |
| | | | P | F | ---- | 5310-012-0638 | WASHER, LOCK: spl: 1, hd, S, cd- or zn-plated, 5/16 screw size (120638). | ea | 6 | | | |

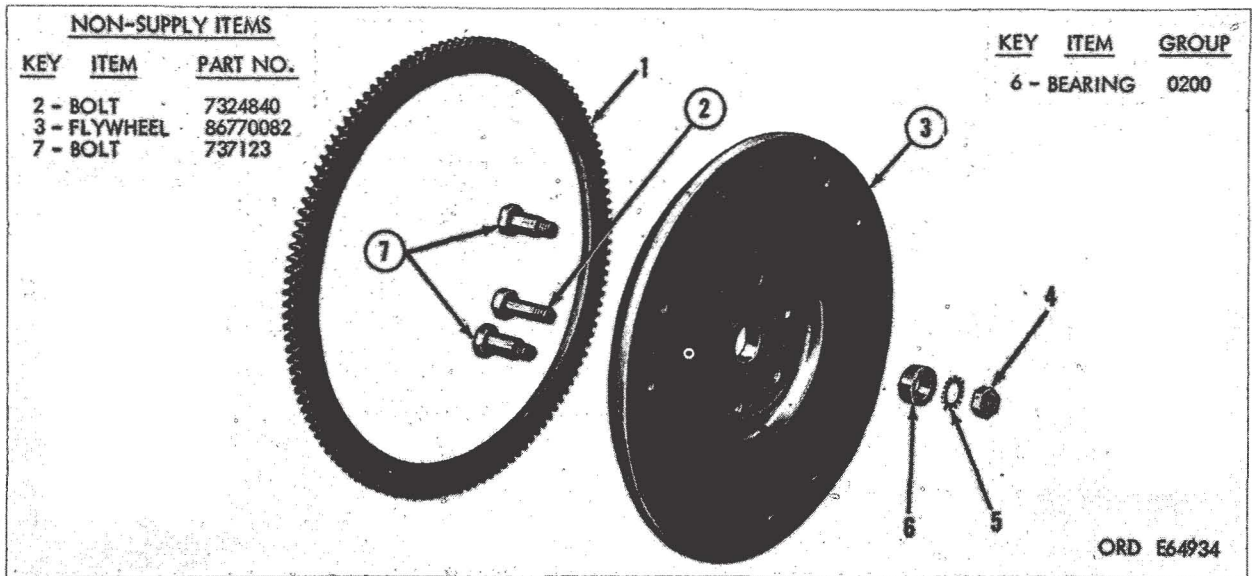
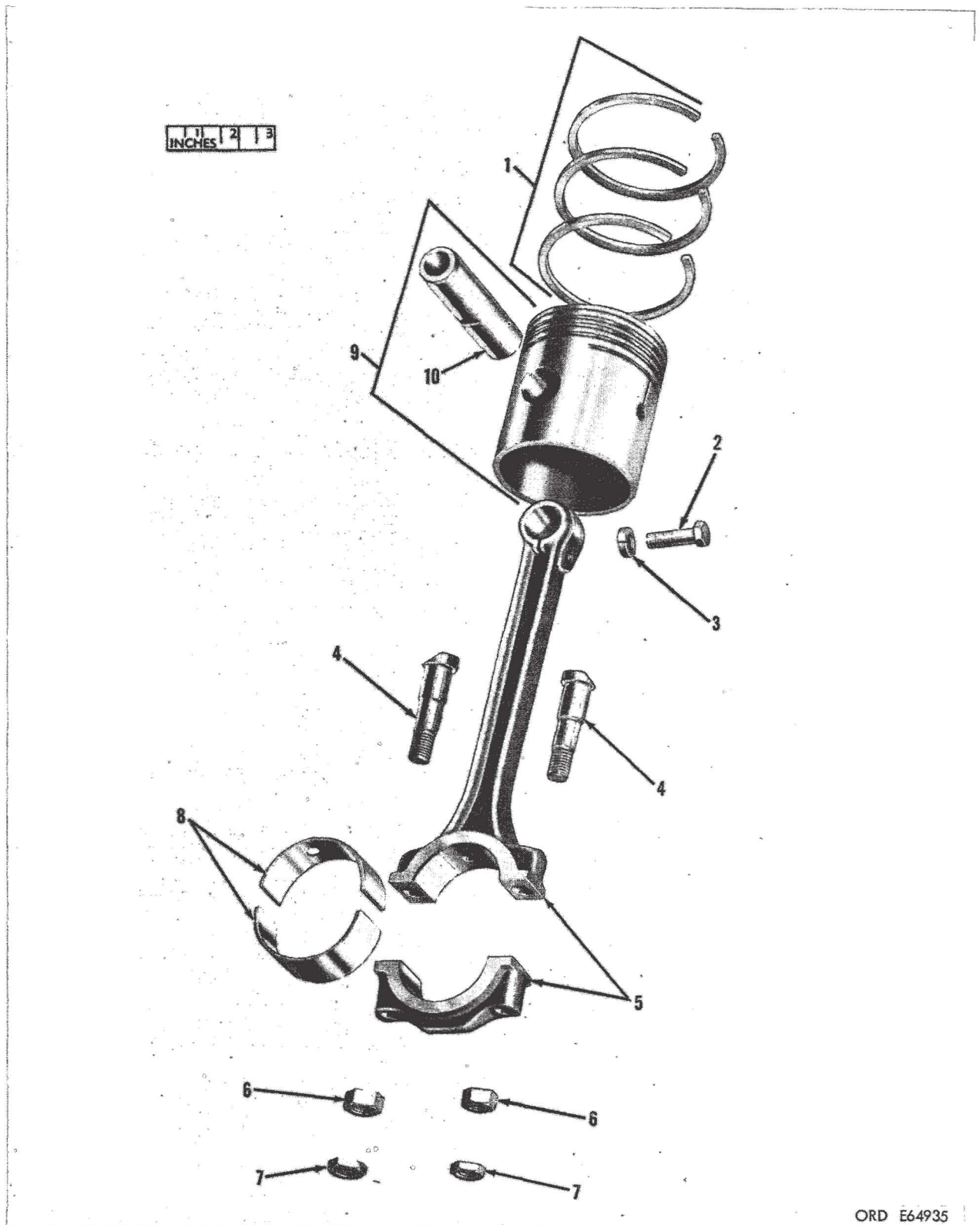


Figure 10. Flywheel assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 01—ENGINE—Continued | | | | | | | | | | | | |
| 0104—PISTON, CONNECTING ROD AND RELATED PARTS (fig. 11) | | | | | | | | | | | | |
| 11 | 1 | ---- | C | H | ---- | 2805-625-6278 | RING SET, PISTON: standard (5702260) ---- Composed of: 8 RAIL, oil ring chrome, No. 3 groove (77220-LC302-0-138-S) 4 RING, compression, No. 1 groove (77220-C2RR302-33-S143S) 4 RING, compression, No. 2 groove 4 SPACER, oil ring, No. 3 groove (77220-9-302-500) | ea | 1 | | | |
| 11 | 2 | ---- | C | H | ---- | 5306-275-1597 | BOLT: lock, piston pin (7324840) ----- | ea | 4 | | | |
| 11 | 3 | ---- | P | H | ---- | 5310-637-9541 | WASHER, LOCK: split, med, S, cd- or zn-pltd, 3/8 screw size piston pin bolt (96906-35338-46). | ea | 4 | | | |
| 11 | 4 | ---- | C | F | ---- | 2805-569-8488 | BOLT: connecting rod cap 3/8-24NF-2 x 2 1/4 (7744471). | ea | 8 | | | |
| 11 | 5 | ---- | C | H | ---- | 2805-360-7917 | ROD, CONNECTING, ENGINE: w/o bearing, (No. 1 and 3) (7743751). | ea | 2 | | | |
| 11 | 5 | ---- | C | H | ---- | 2805-354-3784 | ROD, CONNECTING, ENGINE: w/o bearing, assy No. 2 and 4 (7743752). | ea | 2 | | | |
| 11 | 6 | ---- | C | F | ---- | 5310-774-4472 | NUT, PLAIN, HEXAGON: connecting rod cap bolt hex, S, 3/8-24NF-3 (7744472). | ea | 8 | | | |
| 11 | 7 | ---- | P | F | ---- | 5310-010-7823 | NUT, STAMPED: hex, 9-notch, S, cd- or zn-pltd, 3/8-24NF, 1/16 w, 0.130 thk connecting rod cap bolt (107823). | ea | 8 | | | |
| 11 | 8 | ---- | P | F | ---- | 2805-570-1528 | BEARING SET: connecting rod (for one engine) standard (8330745). Composed of: 8 BEARING one half (65909-639862) | ea | 1 | | | |
| 11 | 9 | ---- | C | H | ---- | 2805-737-2873 | PISTON, INTERNAL COMBUSTION: w/ pin, assy standard (7372873). | ea | 4 | | | |
| 11 | 10 | ---- | C | H | ---- | 2805-262-9758 | PIN: piston standard (7371144) ----- | ea | 4 | | | |



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Figure 11. Piston and connecting rod and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>01—ENGINE—Continued</i> | | | | | | | | | | | | |
| <i>0105—VALVES, SPRINGS, ROCKER ARMS, AND RELATED PARTS (fig. 12)</i> | | | | | | | | | | | | |
| 12 | 7 | ---- | C | F | ---- | 2805-391-3100 | ARM: rocker, left, assy (8329710)----- | ea | 2 | | | |
| 12 | 10 | ---- | C | F | ---- | 5305-270-7331 | SET SCREW: rocker arm shaft (8329719)----- | ea | 2 | | | |
| 12 | 13 | ---- | C | F | ---- | 2805-391-3101 | ARM: rocker, right, assy (8529711)----- | ea | 2 | | | |
| 12 | 15 | ---- | C | F | ---- | 5305-392-4811 | SCREW: adjusting, intake valve rocker arm (8329718). | ea | 8 | | | |
| 12 | 16 | ---- | C | F | ---- | 2805-360-7922 | LOCK: intake valve spring retainer used w/ valve (7371238). | ea | 8 | | | |
| 12 | 17 | ---- | C | F | ---- | 2805-386-3419 | RETAINER: intake valve spring, upper (8329693). | ea | 4 | | | |
| 12 | 18 | ---- | P | F | ---- | 5330-050-1220 | PACKING, PREFORMED: O-ring, class B material high flexibility, 1/16 thk, 3/8 id oil, valve spring retainer (501220). | ea | 4 | | | |
| 12 | 19 | ---- | C | F | ---- | 2805-532-9075 | SPRING: intake valve (8329695)----- | ea | 4 | | | |
| 12 | 21 | ---- | P | F | ---- | 2805-293-9701 | VALVE POPPET: intake (8329697)----- | ea | 4 | | | |
| 12 | 22 | ---- | C | H | ---- | 2805-391-3095 | TAPPET: intake valve (8330225)----- | ea | 4 | | | |
| 12 | 23 | ---- | C | H | ---- | 2805-737-2585 | TAPPET: exhaust valve (7372585)----- | ea | 4 | | | |
| 12 | 23 | ---- | C | H | ---- | 2805-774-3569 | TAPPET: exhaust valve, assy 0.004 oversize (7743569). | ea | 4 | | | |
| 12 | 24 | ---- | C | F | ---- | 5305-737-1258 | SCREW: adjusting, exhaust valve (7371258)--- | ea | 4 | | | |
| 12 | 25 | ---- | C | F | ---- | 2805-532-9041 | ROTOCAP: assy used w/valve (8329518)----- | ea | 4 | | | |
| 12 | 26 | ---- | C | F | ---- | 2805-397-9660 | LOCK: exhaust valve spring retainer lower used w/valve (8329519). | ea | 8 | | | |
| 12 | 27 | ---- | C | F | ---- | 2805-263-4539 | SPRING: exhaust valve (7371235)----- | ea | 4 | | | |
| 12 | 28 | ---- | C | F | ---- | 2805-293-9664 | VALVE, POPPET ENGINE: exhaust used w/ lock 2805-397-9660 and rotocap (2805-532-9041) (8329517). | ea | 4 | | | |
| 12 | 29 | ---- | C | F | ---- | 5307-207-5472 | STUD, PLAIN: rocker arm shaft bracket (8329679). | ea | 4 | | | |
| 7 | 4 | ---- | C | F | ---- | 2805-737-2576 | COVER: timing gear, assy (7372576)----- | ea | 1 | | | |
| 7 | 8 | ---- | C | F | ---- | 2805-360-7941 | GASKET: cover (☆gasket set, 2805-025-6979) (7371159). | ea | 1 | | | |
| 9 | 2 | ---- | C | F | ---- | 2805-774-1414 | SPACER: camshaft gear (on crankshaft) (7741414). | ea | 1 | | | |
| NONILLUSTRATED ITEMS | | | | | | | | | | | | |
| | | | C | H | ---- | 2805-532-9046 | GUIDE: exhaust valve (8328126)----- | ea | 4 | | | |
| | | | C | F | ---- | 2805-495-9547 | RING: retaining, cover packing (7372579)----- | ea | 1 | | | |

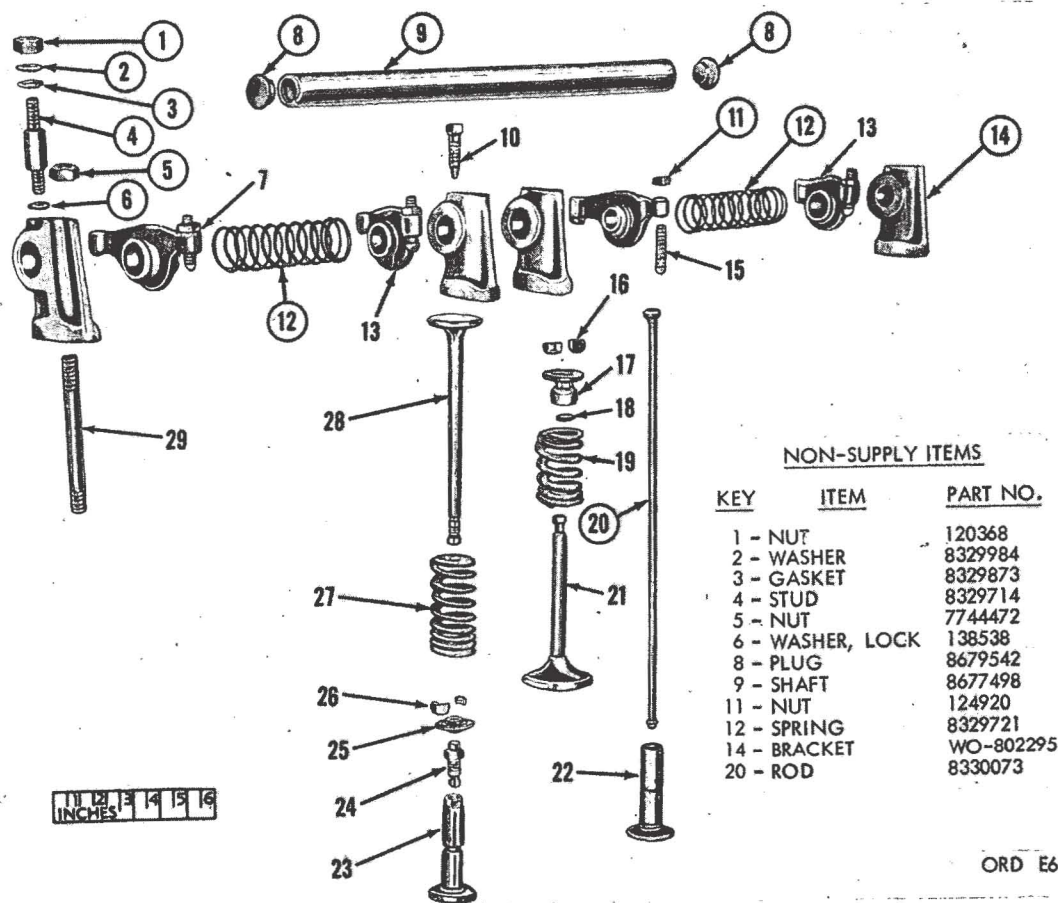


Figure 12. Valve springs, rocker arms and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;"><i>01—ENGINE—Continued</i></p> <p style="text-align: center;"><i>0105—CAMSHAFT AND RELATED PARTS (fig. 13)</i></p> | | | | | | | | | | | | |
| 13 | 1 | ---- | P | F | ---- | 5305-012-2260 | SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, $\frac{1}{16}$ -14UNC 2A x $1\frac{1}{8}$ (122260). | ea | 1 | | | |
| 13 | 2 | ---- | P | F | ---- | 5310-013-6857 | WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, $\frac{1}{16}$ screw size (136857). | ea | 1 | | | |
| 13 | 3 | ---- | C | F | ---- | 5310-220-6496 | WASHER, FLAT: plain (7741406)----- | ea | 1 | | | |
| 13 | 4 | ---- | C | F | ---- | 2805-774-1415 | GEAR, HELICAL: camshaft, drive (7741415)----- | ea | 1 | | | |
| 13 | 5 | ---- | C | F | ---- | 2805-774-1419 | GEAR: camshaft, driven (7741419)----- | ea | 1 | | | |
| 13 | 6 | ---- | P | F | ---- | 5306-042-3569 | BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lockwasher, S, cd- or zn-pltd, $\frac{3}{8}$ -16UNC 2A x $\frac{3}{4}$ cover (423569). | ea | 6 | | | |
| 13 | 8 | ---- | C | H | ---- | 2805-774-1407 | SPACER: thrust plate (7741407)----- | ea | 1 | | | |
| 13 | 9 | ---- | C | H | ---- | 2805-661-9115 | BEARING: bushing type, front (7744319)----- | ea | 1 | | | |
| 13 | 11 | ---- | P | H | ---- | 2805-391-3094 | CAMSHAFT: assy (8329698)----- | ea | 1 | | | |

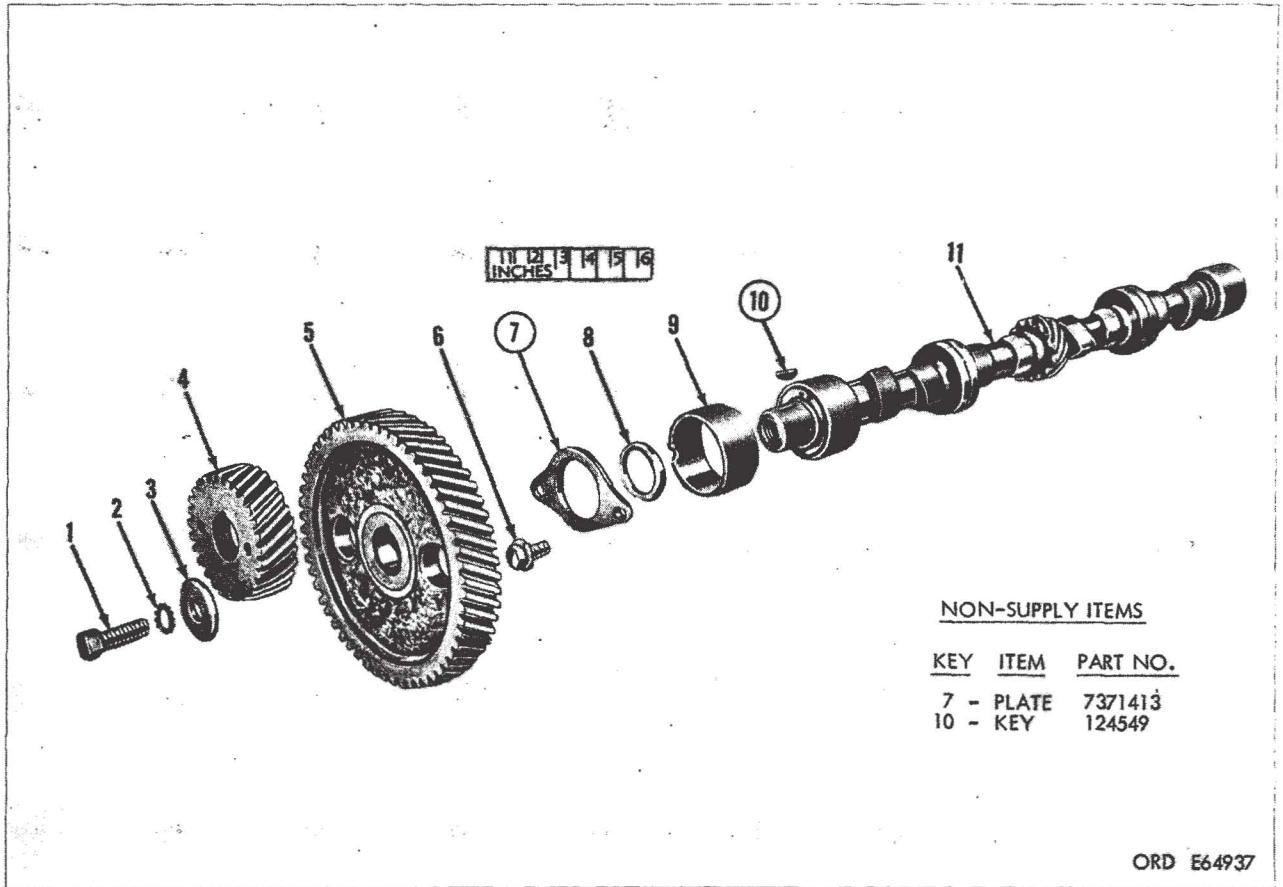


Figure 13. Camshaft and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;"><i>01—ENGINE—Continued</i></p> <p style="text-align: center;"><i>0106—ENGINE OIL PAN (fig. 14)</i></p> | | | | | | | | | | | | |
| 14 | 1 | ---- | P | F | ---- | 2805-361-7832 | GASKET SET: oil pan (65909-A1538)----- | ea | 1 | | | |
| 14 | 1.1 | ---- | | | ---- | 5330-543-6722 | Composed of: | | | | | |
| 14 | 1.2 | ---- | | | ---- | | 1 GASKET, drain plug (☆) (105456) | | | | | |
| 14 | 1.3 | ---- | | | ---- | | 1 GASKET, oil pan (7371283) | | | | | |
| 14 | 2 | ---- | C | F | ---- | 2805-495-9558 | 1 GASKET, oil strainer support (7371267) | | | | | |
| 14 | 3 | ---- | P | F | ---- | 5306-045-1975 | SUPPORT: oil strainer float (7371264)----- | ea | 1 | | | |
| 14 | | ---- | | | ---- | | BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, cd- or zn-pltd, $\frac{5}{16}$ -18UNC-2A x $\frac{3}{4}$ (451975). | ea | 2 | | | |
| 14 | 4 | ---- | C | F | ---- | 2805-495-9519 | PAN: oil, assy (7371278)----- | ea | 1 | | | |
| 14 | 5 | ---- | P | F | ---- | 5306-283-0406 | BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher, S, phos-ctd, $\frac{5}{16}$ -18UNC-2A x $\frac{5}{8}$ (9409101). | ea | 14 | | | |
| 14 | 6 | ---- | P | F | ---- | 5306-042-3563 | BOLT, ASSEMBLED WASHER: hex-hd, ext-teeth lockwasher, S, cd- or zn-pltd, $\frac{5}{16}$ -18UNC-2A x $1\frac{1}{8}$ (423563). | ea | 6 | | | |

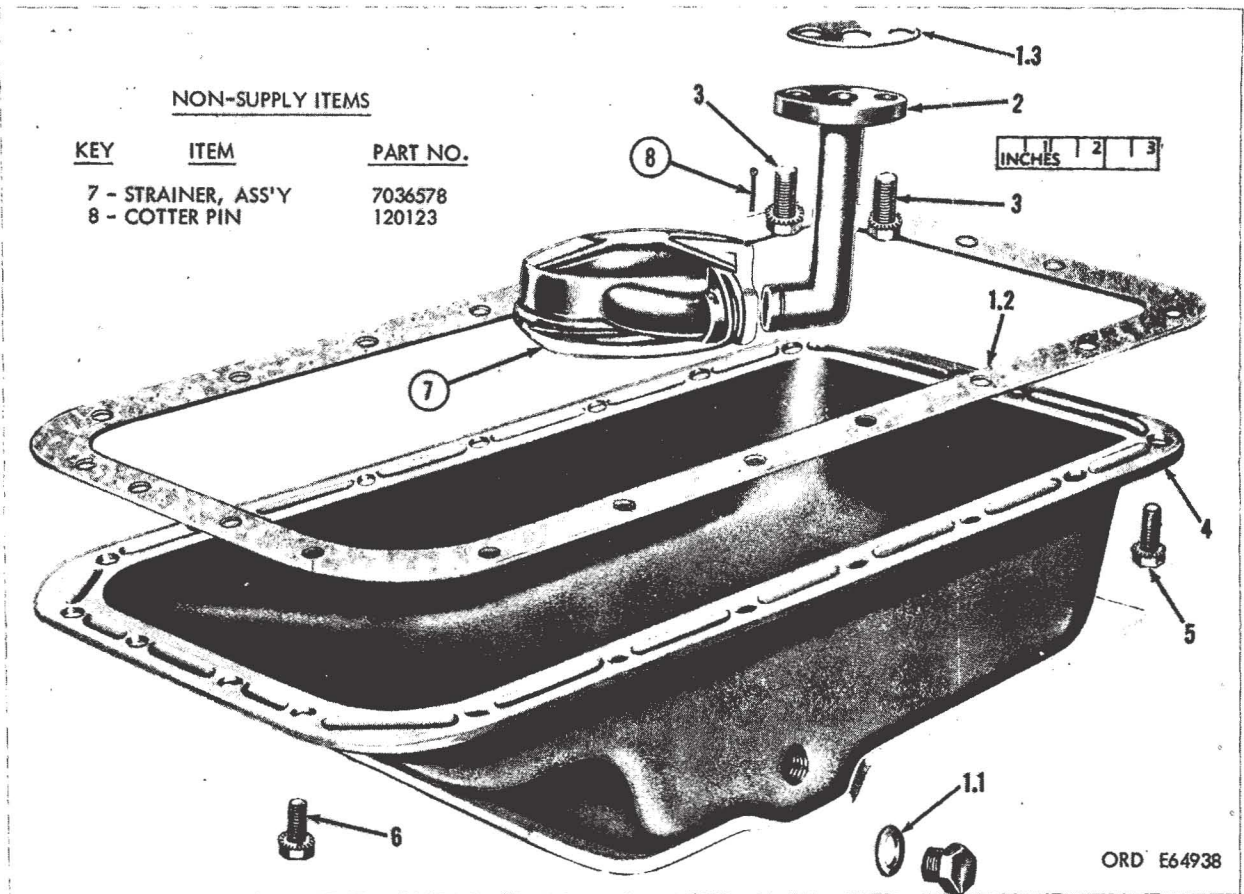


Figure 14. Engine oil pan—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 15 | 1 | ---- | C | F | ---- | 2805-040-2527 | 01—ENGINE—Continued 0106—UPPER VENT SYSTEM (fig. 15) PIPE: oil filler, assy (8329683)----- | ea | 1 | | | |
| | | | C | F | ---- | 2805-040-2528 | NONILLUSTRATED ITEM SPACER: oil filler pipe bracket (8329684)----- | ea | 1 | | | |

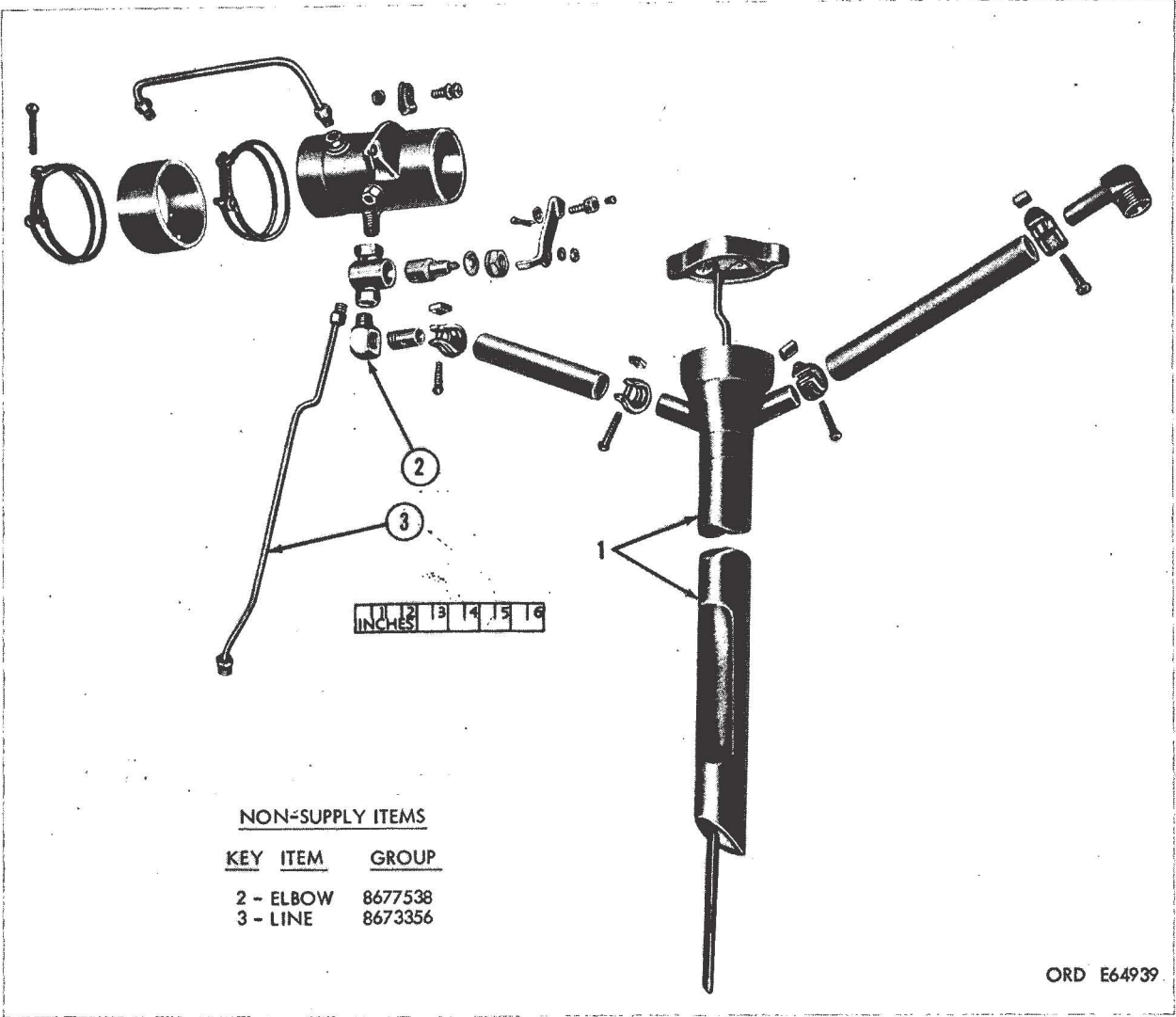


Figure 15. Upper vent system—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|----------------------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|---|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| 01—ENGINE—Continued | | | | | | | | | | | | |
| 0106—OIL PUMP ASSEMBLY (fig. 16) | | | | | | | | | | | | |
| 16 | 1 | ---- | C | F | R | 2805-737-6907 | PUMP: oil, assy (7376907)----- | ea | 1 | | | |
| | | | P | F | ---- | 5306-018-0091 | BOLT, MACHINE: hex-hd, med-carb- S, cd- or zn-pltd, 5/16-18UNC-2A x 2 1/2 (180-091). | ea | 2 | | | |
| | | | P | F | ---- | 5306-576-0537 | BOLT, MACHINE: hex-hd, S, cd- or zn-pltd, 5/16-18UNC-2A x 1 (96906-35291-34). | ea | 1 | | | |
| | | | P | F | ---- | 5310-012-0214 | WASHER, LOCK: split, med, S, cd- or zn-pltd, 5/16 (120214) screw size (96906-35338-26). | ea | 3 | | | |
| 16 | 11 | ---- | C | F | ---- | 2805-360-7950 | GASKET: oil pump to cylinder block (☆☆ gasket sets, 2805-025-6979 and 2805-040-2458) (7372587). | ea | 1 | | | |
| 16 | 14 | ---- | C | F | ---- | 2805-641-7404 | GASKET: relief valve spring retainer (7371270). | ea | 1 | | | |
| 16 | 16 | ---- | C | F | ---- | 2805-360-4522 | PLUNGER: oil pressure relief valve (7371275). | ea | 1 | | | |
| NONILLUSTRATED ITEM | | | | | | | | | | | | |
| | | | C | F | ---- | 2805-360-4524 | SHIM: oil pressure relief valve spring (7371268). | ea | † | | | |

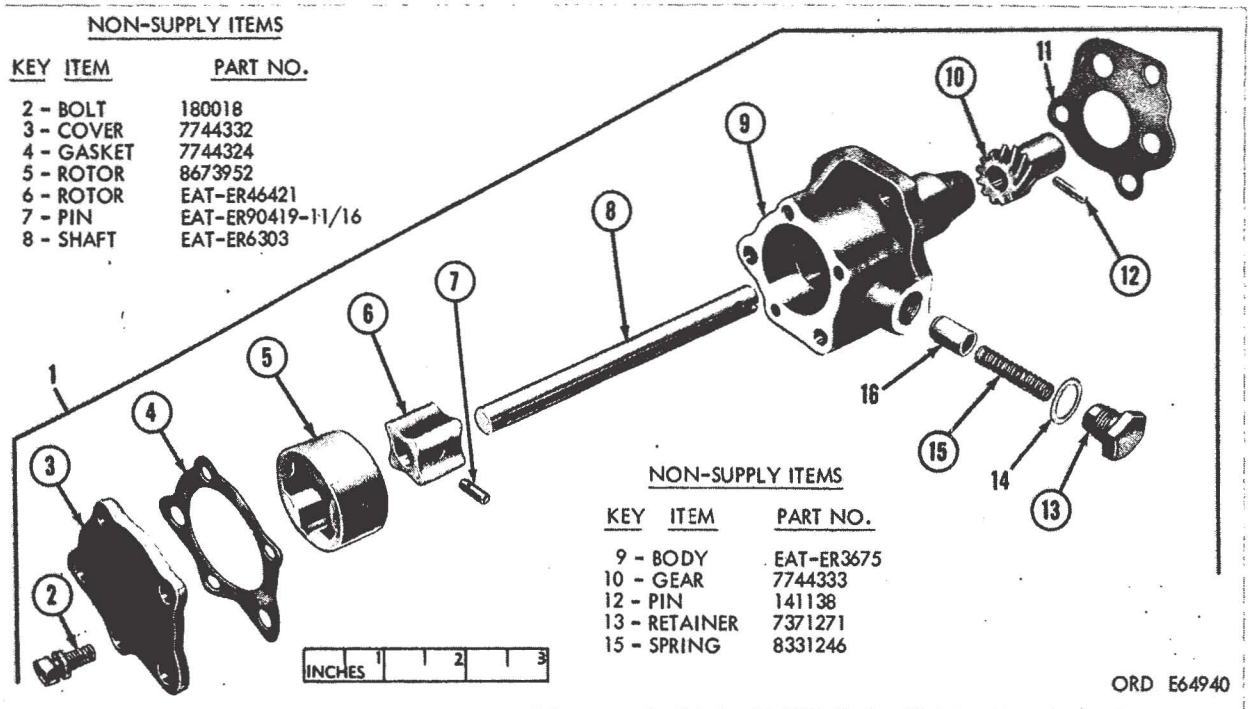


Figure 16. Oil pump assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 17 | 1 | ---- | P | F | R | 2940-202-9653 | <i>01—ENGINE—Continued</i> <i>0106—OIL FILTER ASSEMBLY (fig. 17)</i> FILTER, FLUID, PRESSURE: oil junior size w/o clamps (540501). <i>NONILLUSTRATED ITEM</i> | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-3053 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, ¼-20NC-2 x 1¼ sump (133053). | ea | 1 | | | |

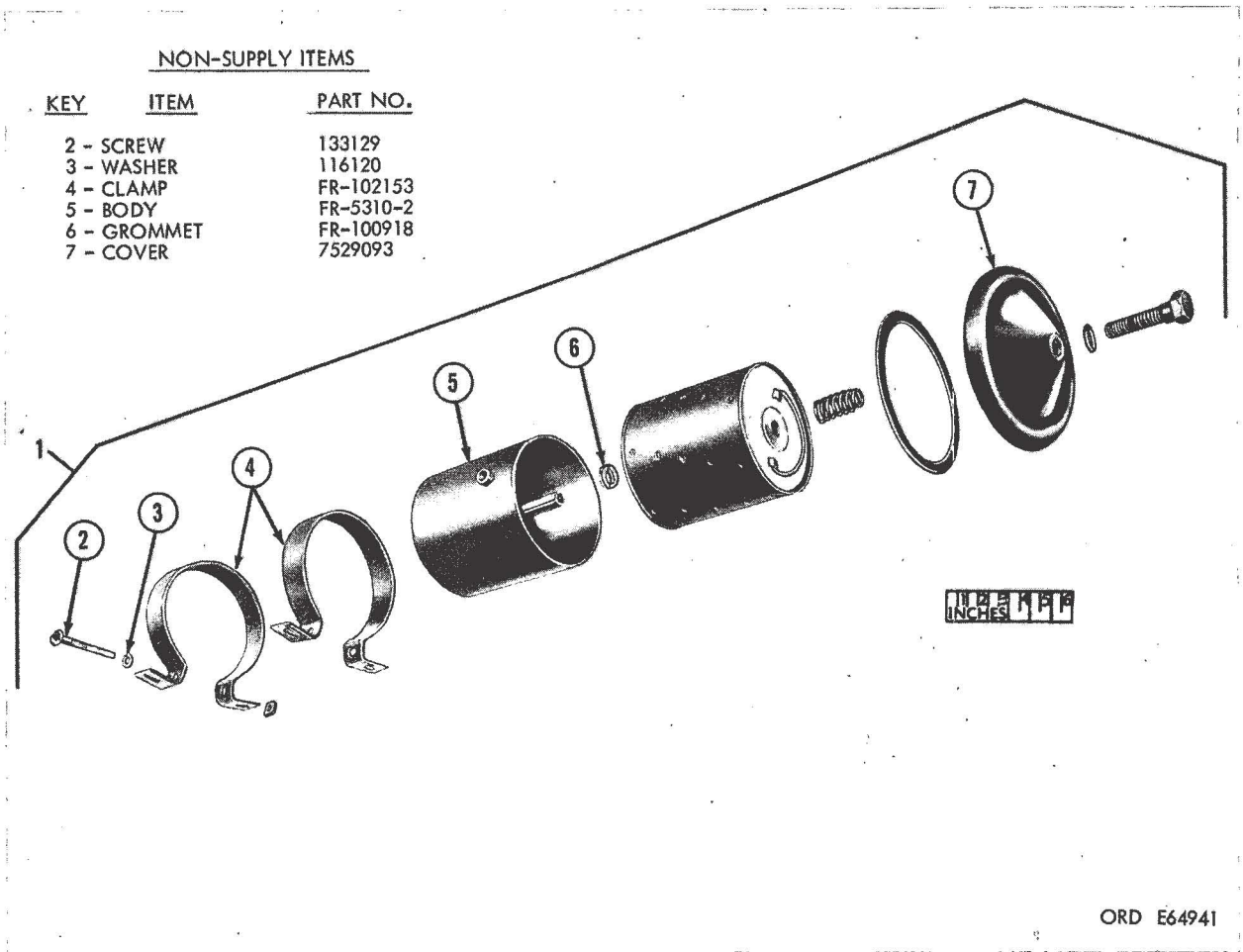


Figure 17. Oil filter assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>02—CLUTCH</i> | | | | | |
| | | | | | | | <i>0200—CLUTCH ASSEMBLY (fig. 18)</i> | | | | | |
| 18 | 1 | ---- | C | F | ---- | 2520-737-2661 | DISK: clutch, driven w/facing, assy (7372661) | ea | 1 | | | |
| 18 | 2 | ---- | P | H | ---- | 2520-737-2663 | PARTS KIT: repair, pressure plate (7372663) | ea | ‡ | | | |
| | | | | | | | Composed of: | | | | | |
| 18 | 2.1 | ---- | | | ---- | ----- | 3 CUP, pressure spring (65909-800728) | | | | | |
| 18 | 2.2 | ---- | | | ---- | ----- | 3 PIN, pressure plate release lever (65909-800040) | | | | | |
| 18 | 2.3 | ---- | | | ---- | ----- | 3 LEVER, pressure plate release (65909-649972) | | | | | |
| 18 | 2.4 | ---- | | | ---- | ----- | 3 CLIP, return (65909-801698) | | | | | |
| 18 | 2.5 | ---- | | | ---- | ----- | 3 RETAINER, auxiliary spring (65909-802381) | | | | | |
| 18 | 2.6 | ---- | | | ---- | ----- | 3 SPRING, auxiliary, pressure (65909-802380) | | | | | |
| 18 | 2.7 | ---- | | | ---- | ----- | 3 SPRING, pressure (65909-649975) | | | | | |
| 18 | 2.8 | ---- | | | ---- | ----- | 3 SCREW, adjusting (65909-649976) | | | | | |
| 18 | 2.9 | ---- | | | ---- | ----- | 3 NUT, lock adjusting screw (65909-649977) | | | | | |
| 18 | 2.10 | ---- | | | ---- | ----- | 3 WASHER, adjusting screw (65909-801641) | | | | | |
| 7 | 20 | ---- | | | ---- | 2520-040-1889 | HOUSING: bell assy (use w/engine, 2805-307-8853) (8328312). | a | 1 | | | |
| 10 | 6 | ---- | C | F | ---- | 3120-360-7986 | BEARING: bushing type, pilot (7371368) | ea | 1 | | | |

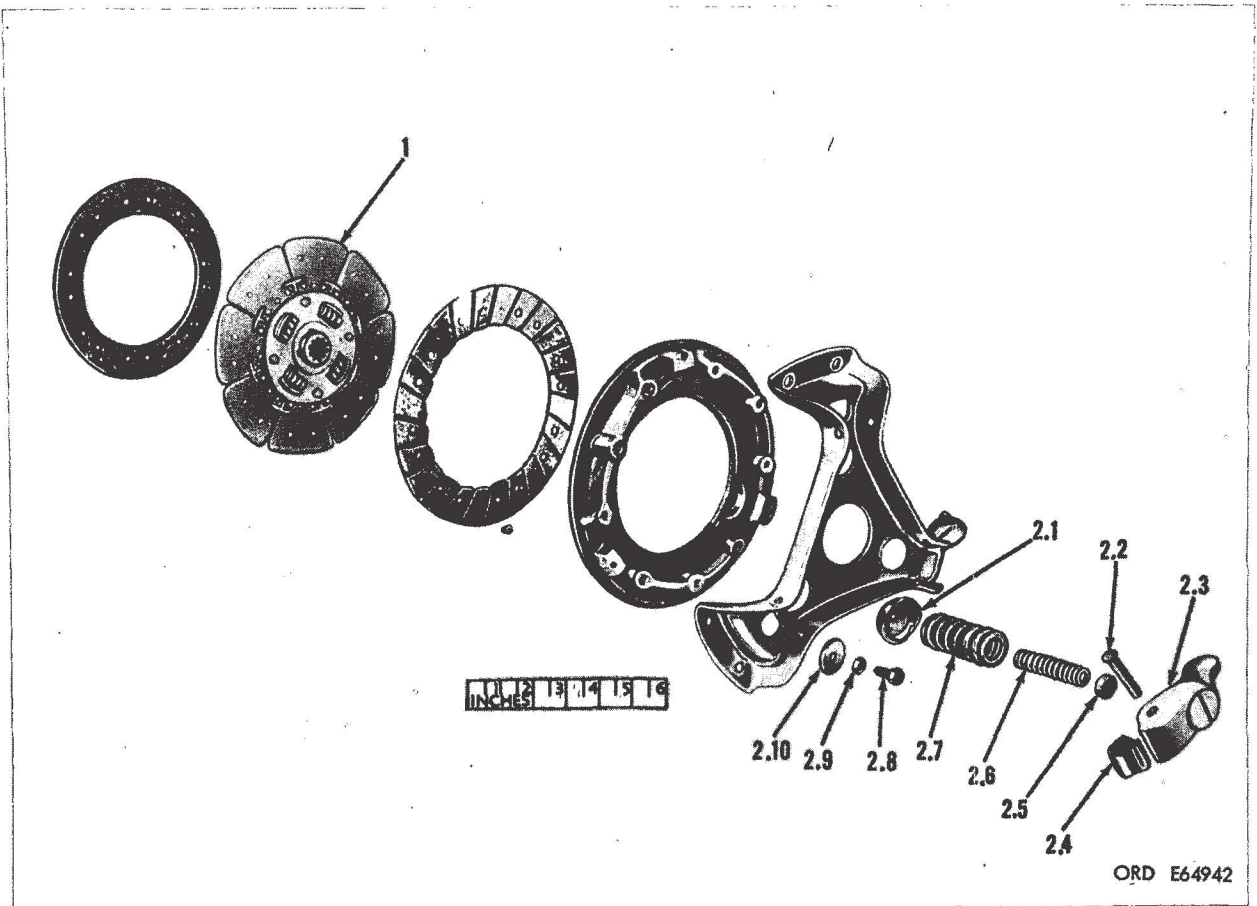


Figure 18. Clutch assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 02—CLUTCH—Continued | | | | | |
| | | | | | | | 0202—CLUTCH LINKAGE (fig. 19) | | | | | |
| 19 | 2 | ---- | C | F | ---- | 2520-736-8260 | BRACKET: control tube on frame (7368260)--- | ea | 1 | | | |
| 19 | 15 | ---- | C | F | ---- | 2520-495-9555 | FORK: release (7371338)----- | ea | 1 | | | |
| 19 | 16 | ---- | C | F | ---- | 2520-737-1365 | CARRIER, CLUTCH: release bearing (737-1365). | ea | 1 | | | |
| | | | | | | | NONILLUSTRATED ITEM | | | | | |
| | | | C | F | ---- | 5307-495-9553 | STUD: ball, release fork (7371339)----- | ea | 1 | | | |

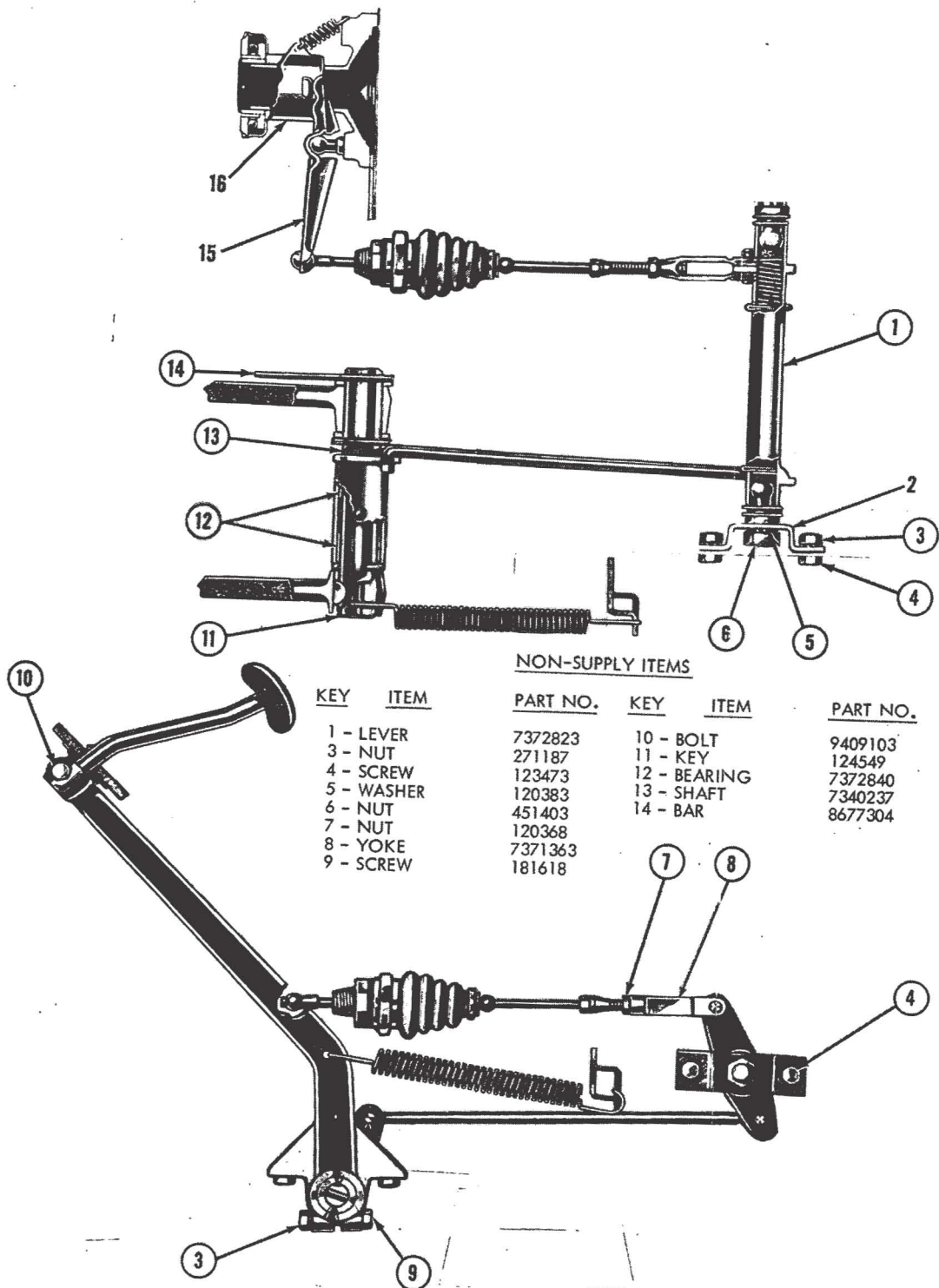
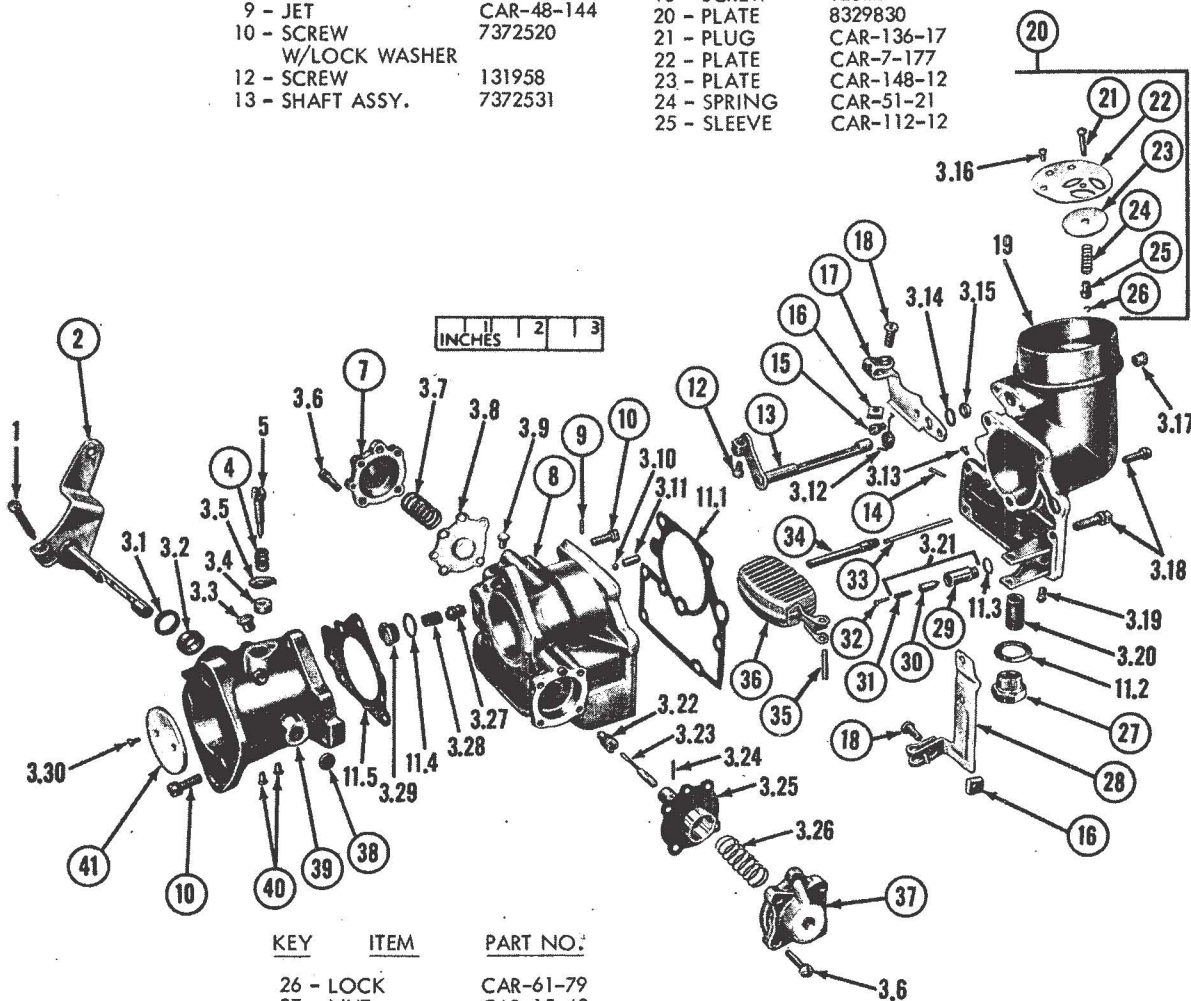


Figure 19. Clutch linkage.

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NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. | KEY | ITEM | PART NO. |
|-----|---------------|------------|-----|---------|------------|
| 2 | SHAFT ASSY. | 8329833 | 14 | JET | CAR-145-69 |
| 4 | SPRING | CAR-61-426 | 15 | SCREW | 7343368 |
| 6 | SCREW | 7372527 | 16 | NUT | 120619 |
| 7 | HOUSING | 7372517 | 17 | BRACKET | 8329773 |
| 8 | BODY | 7372502 | 18 | SCREW | 120221 |
| 9 | JET | CAR-48-144 | 20 | PLATE | 8329830 |
| 10 | SCREW | 7372520 | 21 | PLUG | CAR-136-17 |
| | W/LOCK WASHER | | 22 | PLATE | CAR-7-177 |
| 12 | SCREW | 131958 | 23 | PLATE | CAR-148-12 |
| 13 | SHAFT ASSY. | 7372531 | 24 | SPRING | CAR-51-21 |
| | | | 25 | SLEEVE | CAR-112-12 |



| KEY | ITEM | PART NO. |
|-----|-------------|------------|
| 26 | LOCK | CAR-61-79 |
| 27 | NUT | CAR-15-43 |
| 28 | CLAMP | 8329825 |
| 29 | SEAT | CAR-25-149 |
| 30 | NEEDLE | CAR-17-49 |
| 31 | SPRING | CAR-61-207 |
| 32 | PIN | 7378099 |
| 33 | TUBE | 7372536 |
| 34 | TUBE ASSY. | 7372537 |
| 35 | AXLE | 7372500 |
| 36 | FLOAT ASSY. | 7372513 |
| 37 | HOUSING | 7372518 |
| 38 | PLUG | CAR-47-23 |
| 39 | BODY | CAR-1-897 |
| 40 | PLUG | A281413 |
| 41 | PLATE | 8329831 |

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Figure 20. Carburetor assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 03—FUEL SYSTEM | | | | | | | | | | | | |
| 0301—CARBURETOR ASSEMBLY (fig. 20) | | | | | | | | | | | | |
| 20 | 1 | --- | C | F | --- | 5305-360-8033 | SCREW: adjusting, throttle lever (A293056)--- | ea | 1 | | | |
| 20 | 3 | --- | P | F | --- | 2910-040-2579 | KIT: repair (8329829)----- | ea | † | | | |
| 20 | 3.1 | --- | | | --- | | Composed of: | | | | | |
| 20 | 3.2 | --- | | | --- | | 1 RETAINER, throttle valve shaft seal (7372541) | | | | | |
| 20 | 3.3 | --- | | | --- | | 1 SEAL, throttle valve shaft (7372530) | | | | | |
| 20 | 3.4 | --- | | | --- | 5330-495-1758 | 1 PLUG, idler port (5312057) | | | | | |
| 20 | 3.5 | --- | | | --- | | 1 SEAL, idle adjusting screw (7372529) | | | | | |
| 20 | 3.6 | --- | | | --- | | 1 WASHER, retaining, idle adjusting screw seal (8329535) | | | | | |
| 20 | 3.7 | --- | | | --- | | 8 SCREW, accelerating pump and metering rod diaphragm housing (593399) | | | | | |
| 20 | 3.8 | --- | | | --- | 2910-495-1773 | 1 SPRING, accelerating pump (8329834) | | | | | |
| 20 | 3.9 | --- | | | --- | | 1 DIAPHRAGM, accelerating pump (7372512) | | | | | |
| 20 | 3.10 | --- | | | --- | | 1 PLUG, accelerating pump inlet passage (7324058) | | | | | |
| 20 | 3.11 | --- | | | --- | | 1 BALL, check, accelerating pump (145-636) | | | | | |
| 20 | 3.12 | --- | | | --- | | 1 WEIGHT: accelerating pump disccheck ball (7372542) | | | | | |
| 20 | 3.13 | --- | | | --- | | 1 SCREW (225563) | | | | | |
| 20 | 3.14 | --- | | | --- | 5310-737-2539 | 1 WASHER (121744) | | | | | |
| 20 | 3.15 | --- | | | --- | | 1 SPRING, return, choke valve shaft (7372533) | | | | | |
| 20 | 3.16 | --- | | | --- | | 1 PLUG, idle passage (7324060) | | | | | |
| 20 | 3.17 | --- | | | --- | | 1 WASHER, retaining, choke valve shaft seal (7372539) | | | | | |
| 20 | 3.18 | --- | | | --- | | 1 SEAL, choke valve shaft (7372528) | | | | | |
| 20 | 3.19 | --- | | | --- | | 2 SCREW, choke valve plate to shaft (421721) | | | | | |
| 20 | 3.20 | --- | | | --- | | 1 PLUG, choke valve shaft (7372525) | | | | | |
| 20 | 3.21 | --- | | | --- | | 6 SCREW, choke valve body to float body (593586) | | | | | |
| 20 | 3.22 | --- | | | --- | | 1 PLUG, needle valve fuel passage (8683647) | | | | | |
| 20 | 3.23 | --- | | | --- | 2910-040-2582 | 1 STRAINER, fuel, float valve body (5293034) | | | | | |
| 20 | 3.24 | --- | | | --- | 5315-737-2522 | 1 VALVE, needle, w/spring and seat, assy (7372538) | | | | | |
| 20 | 3.25 | --- | | | --- | 2910-495-1772 | 1 JET, metering rod (7372519) | | | | | |
| 20 | 3.26 | --- | | | --- | | 1 ROD, metering (8329832) | | | | | |
| | | | | | | | 1 PIN, metering rod sleeve (7372522) | | | | | |
| | | | | | | | 1 DIAPHRAGM, metering rod (7372511) | | | | | |
| | | | | | | | 1 SPRING, metering rod (7372534) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>03—FUEL SYSTEM—Continued</i> | | | | | |
| | | | | | | | <i>0301—CARBURETOR ASSEMBLY (fig. 20)</i> | | | | | |
| | | | | | | | —Continued | | | | | |
| 20 | 3.27 | --- | --- | --- | --- | --- | 1 BALL, check, fuel intake (7412959) (7372533) | | | | | |
| 20 | 3.28 | --- | --- | --- | --- | 2910-385-4948 | 1 STRAINER, fuel accelerating pump (5281437) | | | | | |
| 20 | 3.29 | --- | --- | --- | --- | --- | 1 PLUG, accelerating pump fuel strainer w/gasket (7378081) | | | | | |
| 20 | 3.30 | --- | --- | --- | --- | --- | 2 SCREW, throttle valve plate to shaft (588012) | | | | | |
| 20 | 5 | --- | P | F | --- | 5305-366-6546 | SCREW: idle adjusting (A346736)----- | ea | 1 | | | |
| 20 | 11 | --- | C | F | --- | 2910-030-0741 | GASKET SET: carburetor, (☆☆ kit 2910-040-2579) (8329827). | ea | † | | | |
| | | | | | | | Composed of: | | | | | |
| 20 | 11.1 | --- | --- | --- | --- | --- | 1 GASKET, float body (71500-121-138) | | | | | |
| 20 | 11.1 | --- | --- | --- | --- | --- | 1 GASKET, strainer nut (71500-20-35) | | | | | |
| 20 | 11.3 | --- | --- | --- | --- | --- | 1 GASKET, needle seat (71500-20-22) | | | | | |
| 20 | 11.4 | --- | --- | --- | --- | 2910-453-6534 | 1 GASKET, pump, strainer plug (71500-20-61) | | | | | |
| 20 | 11.5 | --- | --- | --- | --- | --- | 1 GASKET, flange (71500-121-222) | | | | | |
| 20 | 19 | --- | C | H | --- | 2910-040-2570 | BODY: choke valve, assy (8329771)----- | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p align="center">03—FUEL SYSTEM—Continued</p> <p align="center">0302—FUEL PUMP ASSEMBLY (fig. 21)</p> | | | | | | | | | | | | |
| 21 | 16 | --- | C | F | --- | 2910-314-0766 | ARM: rocker (7971279)----- | ea | 1 | | | |
| 21 | 3 | --- | P | F | --- | 5340-321-6446 | CLIP: primer lever (8332080)----- | ea | 1 | | | |
| <p align="center">NONILLUSTRATED ITEMS</p> | | | | | | | | | | | | |
| | | | P | F | --- | 5305-013-2119 | SCREW, MACHINE: fl-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $\frac{5}{8}$ (7744780) (132119). | ea | 6 | | | |
| | | | P | F | --- | 5305-285-4540 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x $\frac{5}{16}$ fuel section valve retainer (121839). | ea | 8 | | | |

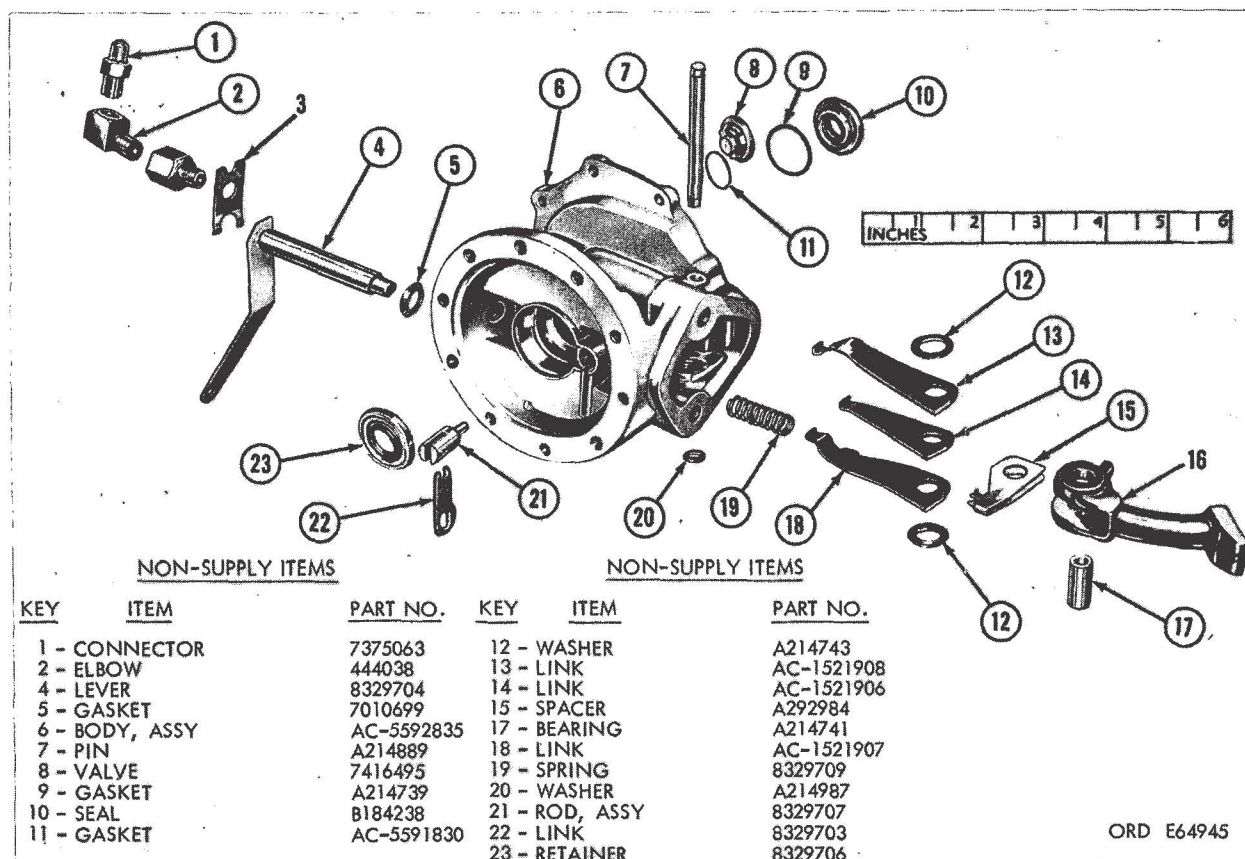
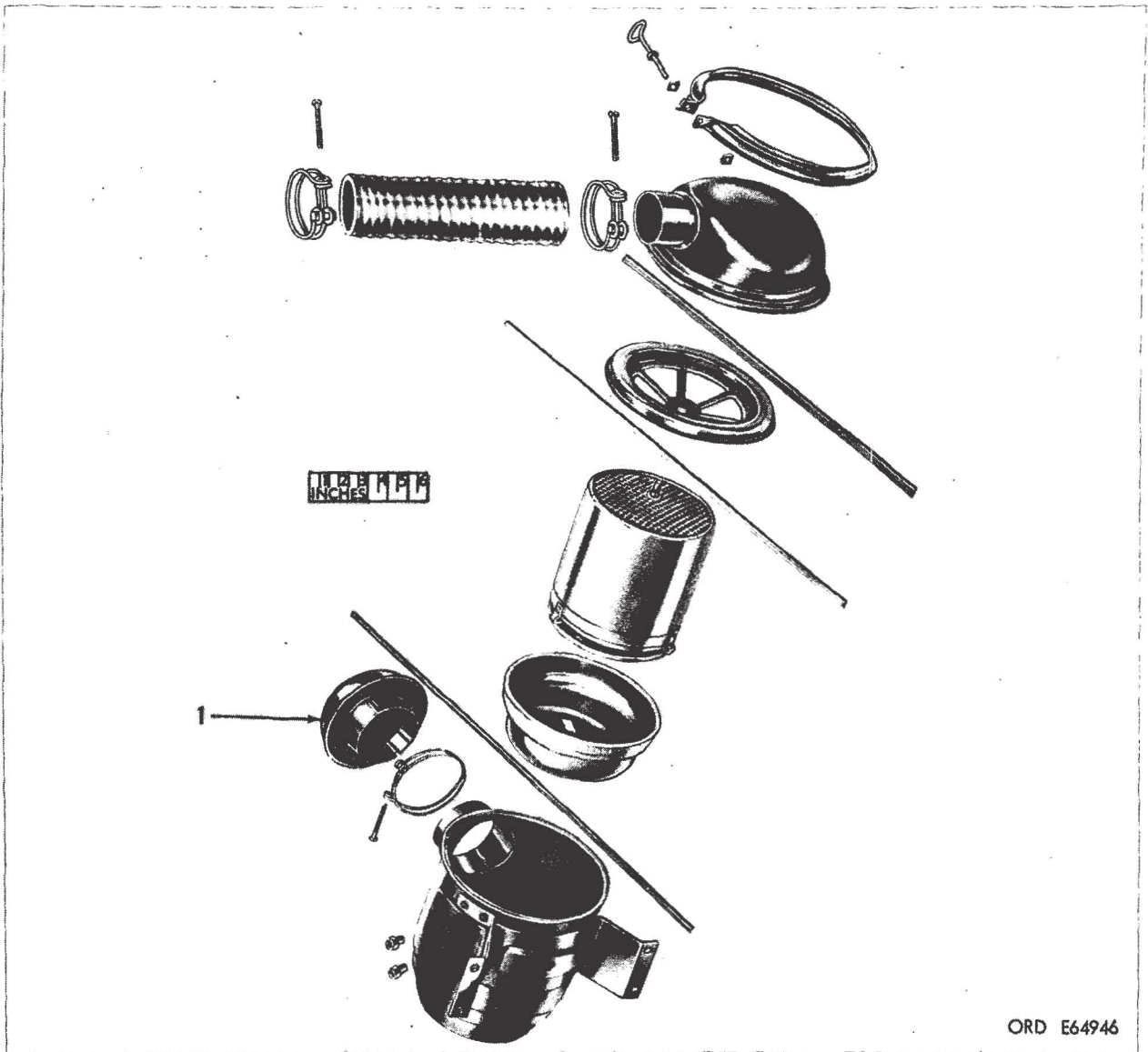


Figure 21. Fuel pump assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 22 | 1 | ---- | C | H | R | 2940-142-0553 | <p>03—FUEL SYSTEM—Continued</p> <p>0304—AIR CLEANER ASSEMBLY (fig. 22)</p> <p>PRECLEANER, AIR INTAKE: w/rain deflector precleaner (8329647).</p> | ea | 1 | | | |



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Figure 22. Air cleaner assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|--------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;">05—COOLING SYSTEM</p> <p style="text-align: center;">0501—RADIATOR AND RELATED PARTS (fig. 23)</p> | | | | | | | | | | | | |
| 23 | 4 | ---- | P | F | R | 2930-391-3102 | RADIATOR: w/o shroud, assy (8332473)----- | ea | 1 | | | |
| 23 | 10 | ---- | P1 | H | ---- | 2930-040-2492 | ROD: support, radiator (to engine), right (8328491). | ea | 1 | | | |
| 23 | 11 | ---- | P1 | H | ---- | 2930-040-2493 | ROD: support, radiator (to engine), left (8328492). | ea | 1 | | | |

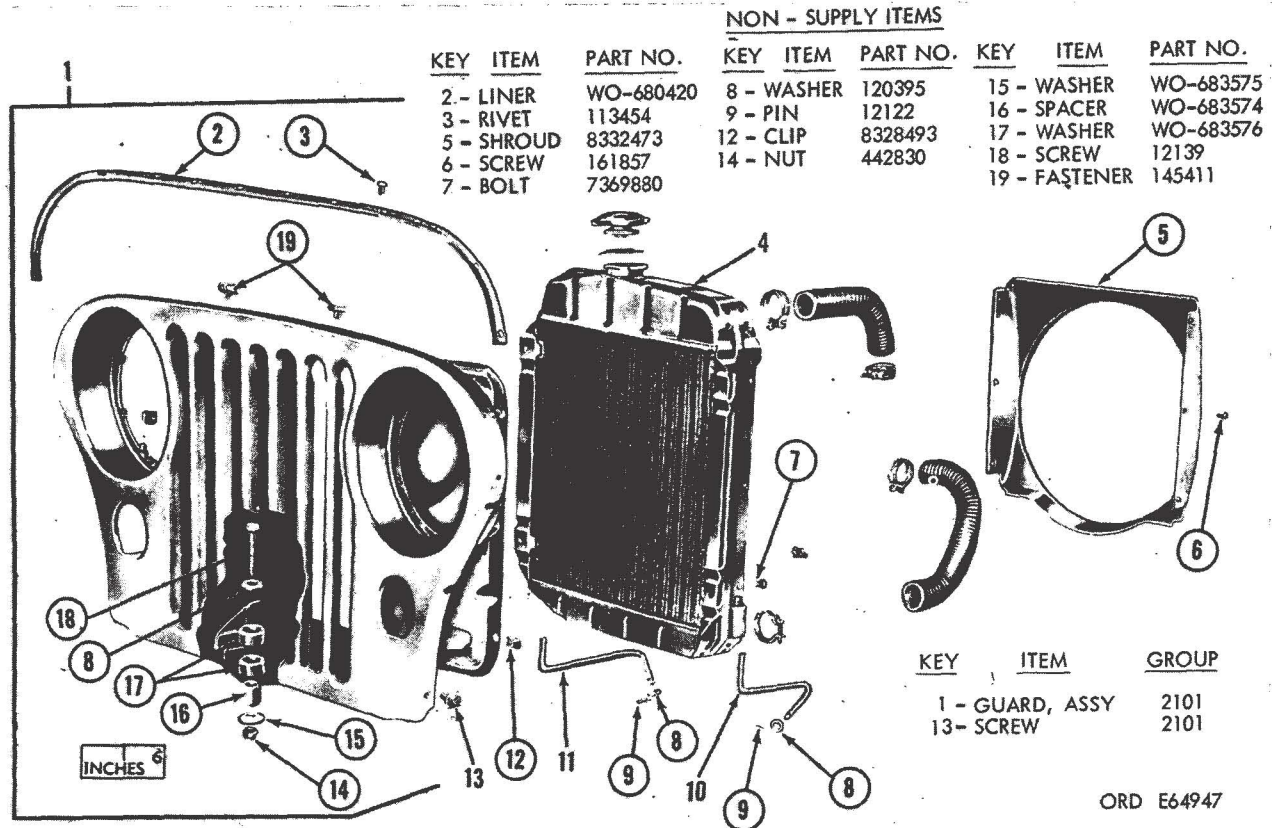
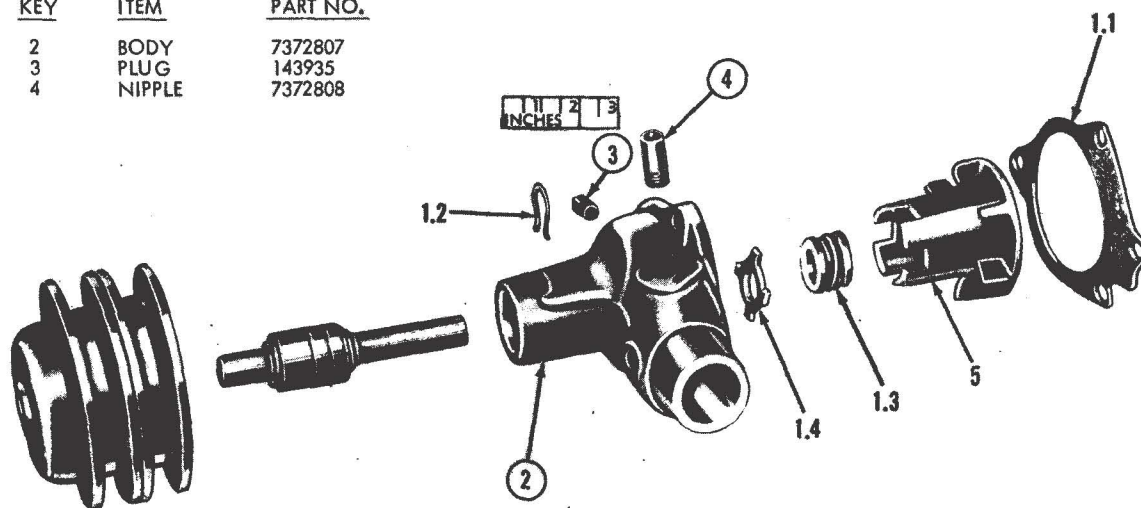


Figure 23. Radiator and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>05—COOLING SYSTEM—Continued</i> | | | | | |
| | | | | | | | <i>0504—WATER PUMP ASSEMBLY (fig. 24)</i> | | | | | |
| 24 | 1 | --- | C | F | --- | 2930-769-7590 | KIT: repair, seal (7697590)----- | ea | † | | | |
| | | | | | | | Composed of: | | | | | |
| 24 | 1.1 | --- | C | O | --- | 2930-354-3772 | 1 GASKET, water pump to cylinder block (☆) (7411250) | | | | | |
| 24 | 1.2 | --- | | | --- | --- | 1 RETAINER, shaft bearing (7371385) | | | | | |
| 24 | 1.3 | --- | | | --- | --- | 1 SEAL, w/spring assy (7372810) | | | | | |
| 24 | 1.4 | --- | | | --- | --- | 1 WASHER, seal (7362105) | | | | | |
| 24 | 5 | --- | C | F | --- | 2930-737-1383 | IMPELLER: water pump (7371383)----- | ea | 1 | | | |

NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. |
|-----|--------|----------|
| 2 | BODY | 7372807 |
| 3 | PLUG | 143935 |
| 4 | NIPPLE | 7372808 |



ORD E64948

Figure 24. Water pump assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 06—ELECTRICAL SYSTEM | | | | | | | | | | | | |
| 0601—GENERATOR (AUTO-LITE) (fig. 25) | | | | | | | | | | | | |
| 25 | 1 | ---- | P | F | ---- | 2920-569-8902 | KIT: repair (Auto-Lite) (19728-Kit 141) (8333709). Composed of: 1 KEY (124545) 1 PACKING (7375328) 1 PACKING (501234) 1 SPACER (7374856) 1 SEAL (7374863) 2 WASHER (7374857) 1 WASHER (7374859) 1 RETAINER (7374860) 2 PACKING (7412437) 1 SLINGER (7374746) 1 PIN (7374861) 1 PACKING (7375329) | ea | † | | | |
| 25 | 1.1 | ---- | | | ---- | | | | | | | |
| | 1.2 | ---- | | | ---- | | | | | | | |
| | 1.3 | ---- | | | ---- | | | | | | | |
| | 1.4 | ---- | | | ---- | | | | | | | |
| | 1.5 | ---- | | | ---- | | | | | | | |
| | 1.6 | ---- | | | ---- | | | | | | | |
| | 1.7 | ---- | | | ---- | | | | | | | |
| | 1.8 | ---- | | | ---- | | | | | | | |
| | 1.9 | ---- | | | ---- | | | | | | | |
| | 1.10 | ---- | | | ---- | | | | | | | |
| | 1.11 | ---- | | | ---- | | | | | | | |
| | 1.12 | ---- | | | ---- | | | | | | | |
| 25 | 4 | ---- | P | F | ---- | 3110-183-9965 | BEARING, BALL, ANNULAR: mil, std-code 111-01703-8438 sr, rad, non-loading groove, both rings same w, one syn contact seal, ABEC 3. loose fit, 17mm bore, 47mm od, ¼mm w (armature shaft drive end) (Auto-Lite) (712125). | ea | 1 | | | |
| 25 | 5 | ---- | P | F | ---- | 2920-737-4858 | RETAINER: drive end bearing (inner) (Auto-Lite) (7374858). | ea | 1 | | | |
| 25 | 6 | ---- | P | F | ---- | 4730-050-0718 | PLUG, PIPE: hex-socket-hd, S, tnd, solid body, ½-27 NPT (drive end bell) (Auto-Lite) (500718). | | | | | |
| 25 | 7 | ---- | P | F | ---- | 2920-737-4748 | END BRACKET: drive end (Auto-Lite) (7374748). | ea | 1 | | | |
| 25 | 10 | ---- | P | F | ---- | 5305-042-0464 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x ¼ (420464). | ea | 4 | | | |
| 25 | 11 | ---- | C | F | ---- | 2920-699-6837 | ELBOW: waterproof electrical connector, terminal receptacle 90 deg. No. 22 shell (Auto-Lite) (7716690). | ea | 1 | | | |
| 25 | 13 | ---- | P | F | ---- | 5305-042-0465 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x ½ (420465). | ea | 4 | | | |
| 25 | 14 | ---- | P | F | ---- | 2920-737-4853 | ARMATURE, GENERATOR: assy (Auto-Lite) (7374853). | ea | 1 | | | |
| 25 | 15 | ---- | P | F | ---- | 2920-569-8901 | KIT: brush (Auto-Lite) 19728 Kit 140 (7374852). Composed of: 2 BRUSH (CHA1012) 2 SPRING, BRUSH (7347573) (non-illustrated) | ea | 1 | | | |
| 25 | 15.1 | ---- | | | ---- | | | | | | | |

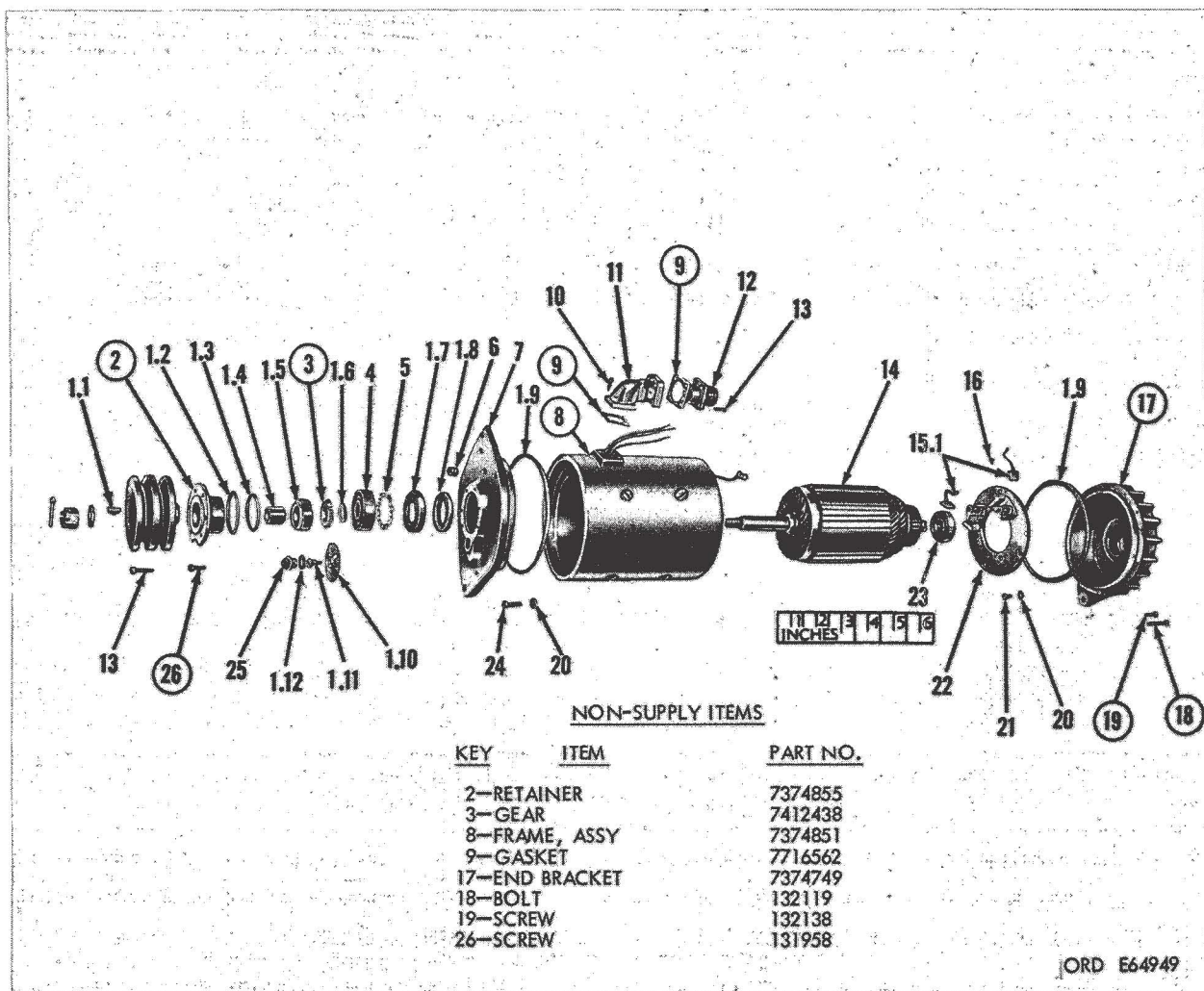
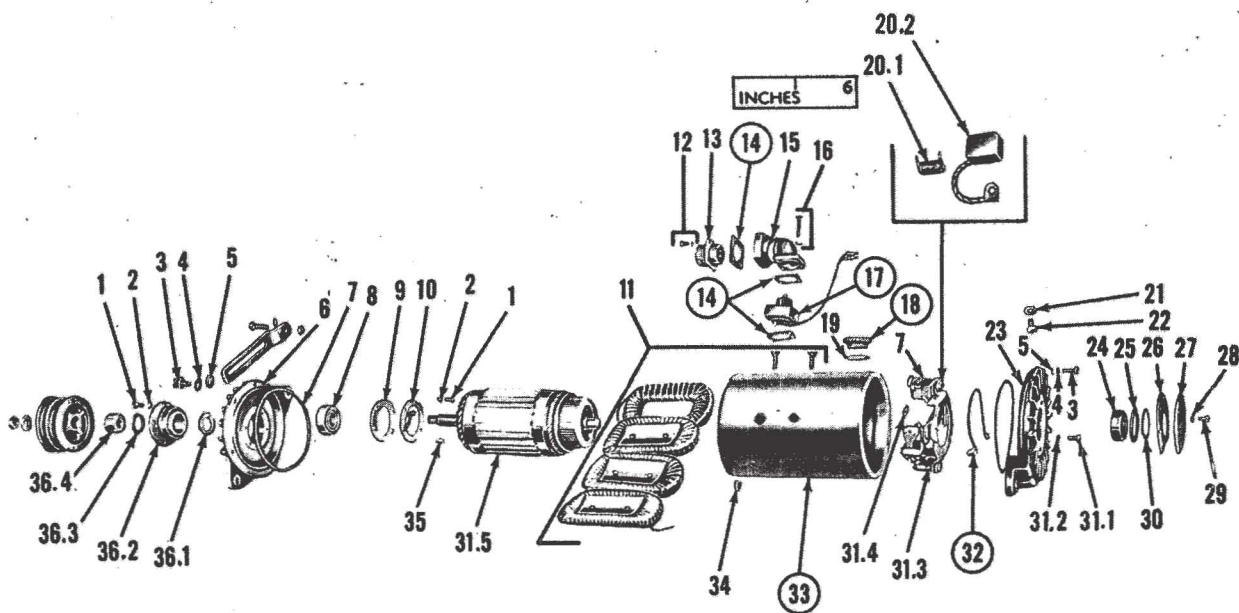


Figure 25. Generator (Auto-Lite)—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 06—ELECTRICAL SYSTEM—Continued | | | | | | | | | | | | |
| 0601—GENERATOR (AUTO-LITE) (fig. 25) —Continued | | | | | | | | | | | | |
| 25 | 16 | ---- | P | F | ---- | 5305-042-0461 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/4 (brush lead) (Auto-Lite) (8332226). | ea | 2 | | | |
| 25 | 20 | ---- | P | F | ---- | 5310-527-3288 | WASHER, LOCK: No. 10 screw size (96906-35333-22). | ea | 4 | | | |
| 25 | 21 | ---- | P | F | ---- | 5305-043-6749 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 7/16 (436749). | ea | 4 | | | |
| 25 | 22 | ---- | C | F | ---- | 2920-737-4886 | HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: w/brushes and springs (Auto-Lite) (7374886). | ea | 1 | | | |
| 25 | 23 | ---- | P | F | ---- | 3110-184-0049 | BEARING, BALL, ANNULAR: mil-std-code 117-01715 5070 sr, rad, non-loading groove (outer ring narrower than inner) one shield, one seal, ABEC 3, loose fit, 17mm bore, 40mm od, 0.4720 in. outer ring w, 0.5380 in. inner ring w, 0.5630 in. overall w (armature shaft commutator end) (Auto-Lite) (712128). | ea | 1 | | | |
| 25 | 24 | ---- | P | F | ---- | 5305-638-3101 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 1/8 (132128). | ea | 6 | | | |
| 25 | 25 | ---- | P | F | ---- | 4730-541-4107 | PLUG, PIPE: filler and drain, sq-hd, S, cd- or zn-pltd, 1/2-20NF-2 oil (drive end bell) (Auto-Lite) (7374854). | ea | 1 | | | |
| NONILLUSTRATED ITEM | | | | | | | | | | | | |
| | | | P | F | ---- | 2920-737-5389 | SUPPORT: mounting (Auto-Lite) (7375389) | ea | 1 | | | |

NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. |
|-----|-----------|------------|
| 14 | GASKET | 7716562 |
| 17 | CAPACITOR | 7538751 |
| 18 | SCREW | 453308 |
| 32 | CABLE | 7538753 |
| 33 | FRAME | DR-1921772 |



ORD E64950

Figure 26. Generator (Delco-Remy)—exploded view.

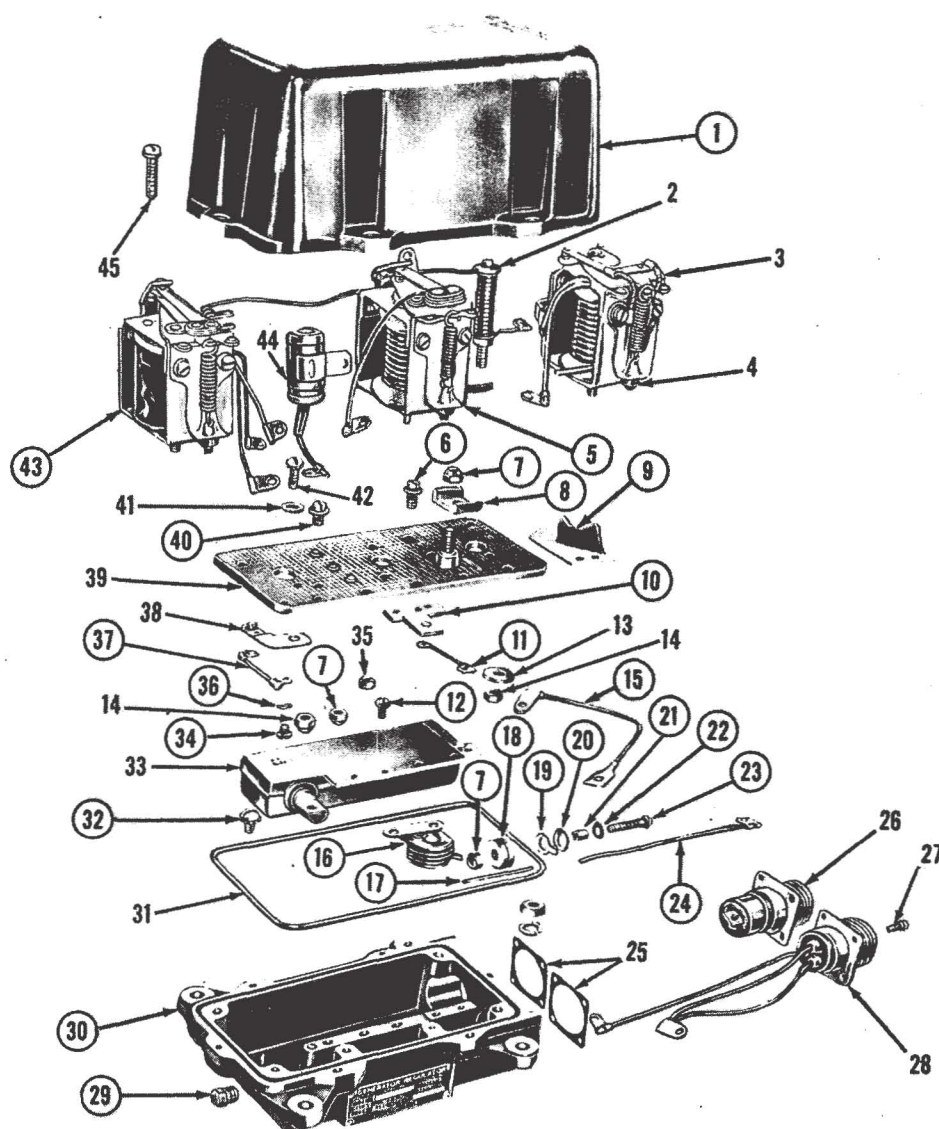
| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|--|-----------------|--|---------------|--------------------------|-----------------------|-------------------|--|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| 06—ELECTRICAL SYSTEM—Continued | | | | | | | | | | | | |
| 0601—GENERATOR (DELCO-REMY) (fig. 26) | | | | | | | | | | | | |
| 26 | 1 | ---- | P | F | ---- | 5305-696-5275 | SCREW, MACHINE: rd-hd, S, cd-pltd, No. 8 0.164-32NC-2A x $\frac{1}{16}$ (field coil ground) (1) drive end bearing seal (4) and drive end bearing plate (4) (Delco-Remy) (453281). | ea | 9 | | | |
| 26 | 2 | ---- | P | F | ---- | 5310-045-3473 | WASHER, LOCK: ext-teeth, S, cd-chromate-fin., No. 8 0.164 screw size (drive end bearing seal) (4) and drive end bearing plate (4) (Delco-Remy) (453473). | ea | 8 | | | |
| 26 | 3 | ---- | P | F | ---- | 5305-285-3948 | SCREW, MACHINE: fil-hd, S, cd-chromate-fin., No. 12-24NC-2A x $1\frac{1}{16}$ (commutator end bell) (4) and drive end bell (4) (Delco-Remy) (453307). | ea | 8 | | | |
| 26 | 4 | ---- | P | F | ---- | 5310-696-5280 | WASHER, LOCK: split, lt, S, cd-chromate-fin., No. 12, 0.216 screw size (commutator end bell (4) (Delco-Remy) (453708). | ea | 8 | | | |
| 26 | 5 | ---- | P | F | ---- | 5310-044-6161 | WASHER, FLAT: lt, S, cd- or zn-chromate-fin., $\frac{7}{32}$ id, $\frac{7}{16}$ od, 0.049 thk, for No. 10 screw size (commutator end bell (4) (Delco-Remy) (446161). | ea | 8 | | | |
| 26 | 6 | ---- | P | F | ---- | 2920-753-8756 | HEAD: drive end (Delco-Remy) (7538756)----- | ea | 1 | | | |
| 26 | 7 | ---- | P | F | ---- | 5330-291-7290 | PACKING, PREFORMED: O ring, class B material high flexibility, $\frac{1}{8}$ thk, 5 id (commutator end bell and drive end bell) (Delco-Remy) (546886). | ea | 2 | | | |
| 26 | 8 | ---- | P | F | ---- | 3110-156-8390 | BEARING, BALL, ANNULAR: mil-std-code 111-02002-8444 sr, rad, non-loading groove, both rings same w, two seals, ABEC 1, std fit, 20mm bore, 47mm od, 14mm w (armature shaft, drive end) (Delco-Remy) (741-3226). | ea | 1 | | | |
| 26 | 9 | ---- | P | F | ---- | 2920-753-8760 | PLATE: retaining, (drive end bell bearing) (Delco-Remy) (7538760). | ea | 1 | | | |
| 26 | 10 | ---- | C | F | ---- | 2920-544-0168 | BRUSH: static ground (armature shaft, w/ spring, assy) (Delco-Remy) (7538784). | ea | 1 | | | |
| 26 | 11 | ---- | C | H | ---- | 2920-570-1238 | COIL, SET, FIELD: (Delco-Remy) (5701238). Composed of: 1 COIL, LOWER LEFT (7538787) 1 COIL, LOWER RIGHT (7538762) 1 COIL, UPPER LEFT (7538763) 1 COIL, UPPER RIGHT (7538761) 1 INSTRUCTION SHEET (16764-5270) 8 SCREW MACHINE: $\frac{5}{16}$ -24UNF-2 x $\frac{1}{8}$ (453308) | ea | 1 | | | |
| | | | | | | 5305-045-3308 | | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|----------------------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 06—ELECTRICAL SYSTEM—Continued | | | | | | | | | | | | |
| 0601—GENERATOR | | | | | | | | | | | | |
| (DELCO-REMY) (fig. 26)—Continued | | | | | | | | | | | | |
| 26 | 12 | ---- | P | F | ---- | 5305-042-0465 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (420465). | ea | 4 | | | |
| 26 | 13 | ---- | C | F | ---- | 5935-201-6673 | RECEPTACLE, ELECTRICAL: (waterproof, three terminal, assy) (7722352). | ea | 1 | | | |
| 26 | 15 | ---- | C | F | ---- | 2920-699-6837 | ELBOW: waterproof electrical connector, 90 deg, No. 22 shell (terminal receptacle) (Delco-Remy) (7716690). | ea | 1 | | | |
| 26 | 16 | ---- | P | F | ---- | 5305-042-0464 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/16 (420464). | ea | 4 | | | |
| 26 | 19 | ---- | P | F | ---- | 5330-641-1580 | GASKET: brush inspection hole plug (Delco-Remy) (7391018). | ea | 1 | | | |
| 26 | 20 | ---- | P | F | ---- | 2920-569-8906 | KIT: brush used w/generator (2920-735-5736) (Delco-Remy) (83-3799). | ea | † | | | |
| | 20.1 | ---- | | | ----- | | Composed of: | | | | | |
| | 20.5 | ---- | | | ----- | | 2 SPRING, BRUSH (7413315) | | | | | |
| 26 | 21 | ---- | P | F | ---- | 5310-245-0107 | 2 BRUSH (7538749) | ea | 2 | | | |
| 26 | 22 | ---- | P | F | ---- | 5305-019-3257 | WASHER, LOCK: brush lead (Delco-Remy) (used w/generator, 2920-735-5736) (753-8774). | ea | 2 | | | |
| 26 | 23 | ---- | P | F | ---- | 2920-753-8757 | SCREW, MACHINE: pan-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x 1/4 (brush lead used w/generator, 2920-735-5736) (Delco-Remy) (193257). | ea | 1 | | | |
| 26 | 24 | ---- | P | F | ---- | 3110-156-3510 | HEAD COMMUTATOR: (Delco-Remy) (753-8757). | ea | 1 | | | |
| | | | | | | | BEARING, BALL, ANNULAR: mil-std-code 117-01785-4004 sr, rad, non-loading groove, outer ring narrower than (inner) two seals, ABEC 1, std fit, 17 w, 0.6540 in. (inner ring w armature shaft, commutator end) (Delco-Remy) (7538747). | ea | 1 | | | |
| 26 | 25 | ---- | P | F | ---- | 5330-054-6859 | PACKING, PREFORMED: O ring, class B material high flexibility, 1/8 thk, 1 5/8 id (commutator end bell bearing) (Delco-Remy) (546859). | ea | 1 | | | |
| 26 | 26 | ---- | P | F | ---- | 2920-753-8759 | GASKET: commutator end bearing cover (Delco-Remy) (7538759). | ea | 1 | | | |
| 26 | 27 | ---- | P | F | ---- | 2920-753-8783 | PLATE: retaining (commutator end bell bearing, w/spring) (Delco-Remy) (7538783). | ea | 1 | | | |
| 26 | 28 | ---- | P | F | ---- | 5310-013-8479 | WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, No. 10 0.190 screw size (138479). | ea | 6 | | | |
| 26 | 29 | ---- | P | F | ---- | 5305-013-2033 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 10 0.190-24NC-2A x 3/8 (132033). | ea | 6 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>06—ELECTRICAL SYSTEM—Continued</i> | | | | | |
| | | | | | | | <i>0601—GENERATOR (DELCO-REMY) (fig. 26)—Continued</i> | | | | | |
| 26 | 30 | ---- | P | F | ---- | 2920-753-8725 | SPACER: bearing (commutator end) (Delco-Remy) (7538785). | ea | 1 | | | |
| 26 | 31 | ---- | P | F | ---- | 2920-553-8251 | KIT: conversion for converting generator (2920-735-4474) to generator (2920-735-5736) (Delco-Remy) (7413316). Composed of: | ea | 1 | | | |
| | 31.1 | ---- | | | ---- | 5305-286-1934 | 2 SCREW, MOUNTING, BRUSH HOLDER (24617-453464) | | | | | |
| | 31.2 | ---- | | | ---- | 5310-596-7686 | 2 WASHER, LOCK, MOUNTING, BRUSH HOLDER (24617-453296) | | | | | |
| | 31.3 | ---- | | | ---- | 5977-669-9069 | 1 HOLDER, BRUSH, ASSY (16764-19211760) | | | | | |
| | 31.4 | ---- | | | ---- | 5310-741-3319 | 2 NUT, MOUNTING, BRUSH HOLDER (16764-1921747) | | | | | |
| | 31.5 | ---- | | | ---- | 2920-741-3317 | 1 ARMATURE (16764-1921762) 1 PLATE, NAME (16764-1921773) (non-illustrated) 4 RIVET, MOUNTING, BRUSH HOLDER (16764-1914906) (nonillustrated) 1 SHEET, INSTRUCTION (16764-5172) (nonillustrated) | | | | | |
| 26 | 34 | ---- | P | F | ---- | 4730-011-8831 | PLUG, PIPE: sltd, hlds, br, 1/8 in. field frame (Delco-Remy) (118831). | ea | 1 | | | |
| 26 | 35 | ---- | P | O | ---- | 5315-616-5526 | KEY, WOODRUFF: alloy-S, 1/8 x 5/8 (5) (armature shaft) (Delco-Remy) (124545). | ea | 1 | | | |
| 26 | 36 | ---- | C | F | ---- | 2920-737-2081 | PARTS KIT, ENGINE GENERATOR: drive end bearing cover plate (Delco-Remy) (7372081). Composed of: | ea | † | | | |
| | 36.1 | ---- | | | ---- | | 1 WASHER (7538787) | | | | | |
| | 36.2 | ---- | | | ---- | | 1 SEAL (7538786) | | | | | |
| | 36.3 | ---- | | | ---- | | 1 PACKING (501224) | | | | | |
| | 36.4 | ---- | | | ---- | | 1 COLLAR (7538754) | | | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS</i> | | | | | |
| 26 | ----- | ---- | P | H | ---- | 2920-629-2366 | PARTS KIT, GENERATOR, WINDING: (Delco-Remy) (5702300). Composed of: | ea | † | | | |
| | | | | | | 2920-737-4865 | 2 INSULATOR (7374865) 1 WINDING (5701238) | | | | | |
| 26 | ----- | ---- | P | F | ---- | 2920-737-5389 | SUPPORT: mounting (Delco-Remy) (7375389) | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|---|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued 0601—GENERATOR, ALTERNATOR GENERATOR (35510-5300G12) NONILLUSTRATED | | | | | |
| | | | P | F | ---- | 3110-109-1121 | BEARING, BALL, ANNULAR: mil-std-code 111-02002-8420 sr, rad, non-loading groove, both rings same w, two felt contact seals, ABEC 1, std fit, 20mm bore, 47mm od, 14mm w slip ring end (710040). | ea | 1 | | | |
| | | | P | F | ---- | 3110-275-0117 | BEARING, BALL, ANNULAR: mil-std-code 111-02503-8444 rad, sr, med, non-loading groove, 2 seals, 0.9843 in. bore, 2.4409 in. od, 0.6693 in. w drive end (7064942). | ea | 1 | | | |
| | | | P | F | ---- | 5935-259-0204 | CONNECTOR, RECEPTACLE, ELECTRICAL: (7064429). | ea | 1 | | | |
| | | | P | F | ---- | 5935-644-7528 | CONNECTOR, RECEPTACLE, ELECTRICAL: (8713569). | ea | 1 | | | |
| | | | P | F | ---- | 5935-644-7529 | CONNECTOR, RECEPTACLE, ELECTRICAL: (8713566). | ea | 1 | | | |
| | | | P | F | ---- | 2920-500-2965 | FAN: external (8672725)----- | ea | 1 | | | |
| | | | P | F | ---- | 5935-599-6089 | GASKET: receptacle (7388357)----- | ea | 1 | | | |
| | | | P | F | ---- | 5977-695-6311 | HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: assy (8672841). | ea | 1 | | | |
| | | | P | F | ---- | 5315-012-4542 | KEY, WOODRUFF: alloy-S, $\frac{3}{32}$ x $\frac{1}{2}$ 2 fan hub to shaft (124542). | ea | 1 | | | |
| | | | P | F | ---- | 5315-012-4553 | KEY, WOODRUFF: alloy-S, $\frac{1}{4}$ x 1 No. 808 or 15 drive pulley (124553). | ea | 1 | | | |
| | | | P | F | ---- | 5310-012-0622 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 8 0.164 -32NC-2B, $1\frac{1}{32}$ w $\frac{1}{8}$ thk brush lead (120622). | ea | 4 | | | |
| | | | P | F | ---- | 5310-050-3446 | NUT, SELF-LOCKING, HEXAGON: S. cd- or zn-pltd, $\frac{1}{2}$ -20UNF-3B, $\frac{3}{4}$ w, $\frac{5}{16}$ thk (503446). | ea | 1 | | | |
| | | | P | F | ---- | 2920-654-7271 | PARTS KIT, ENGINE GENERATOR: (5702339). Composed of: 4 BRUSH (8677118) 4 SPRING (8677114) | ea | † | | | |
| | | | P | F | ---- | 5315-011-2726 | PIN, COTTER: brush spring lever (112726)--- | ea | 4 | | | |
| | | | P | F | ---- | 5315-054-4119 | PIN, STRAIGHT, HEADLESS: housing alignment (544119). | ea | 1 | | | |
| | | | P | F | ---- | 2920-695-6303 | ROTOR, ALTERNATOR: assy (8672668)---- | ea | 1 | | | |
| | | | P | F | ---- | 5305-042-4537 | SCREW, ASSEMBLED WASHER: rd-hd, int-teeth lockwasher, header-pt, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $\frac{1}{2}$ (424537). | ea | 4 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|-------------------|--|---------------|-----------------|---------------------------------------|--------------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued 0601—GENERATOR, ALTERNATOR GENERATOR (35510-5300G12) NONILLUSTRATED—Continued | | | | | |
| | | | P | F | ---- | 5305-285-5271 | SCREW, ASSEMBLED WASHER: fil-hd, split lockwasher, S, cd- or zn-pltd, 0.164-32NC-2A x 1/2 (454430). | ea | 2 | | | |
| | | | P | F | ---- | 5305-779-7372 | SCREW, MACHINE: fil-hd, sltd, w/spring lockwasher, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7/8 (H101-0593566) (593566). | ea | 2 | | | |
| | | | P | F | ---- | 5305-013-2768 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 3/4 (132768). | ea | 4 | | | |
| | | | P | F | ---- | 5305-013-3503 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7/8 (133503). | ea | 4 | | | |
| | | | P | F | ---- | 2920-695-6302 | STATOR: assy (8672666)----- | ea | 1 | | | |
| | | | P | F | ---- | 5310-197-3316 | WASHER, FLAT: (96906-15795-218)----- | ea | 1 | | | |
| | | | P | F | ---- | 5310-013-1095 | WASHER, LOCK: brush lead (131095)----- | ea | 2 | | | |
| | | | P | F | ---- | 5310-012-1841 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 8, 0.164 screw size (121841). | ea | 4 | | | |

1 2 3
INCHES


NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. | KEY | ITEM | PART NO. |
|-----|-----------|-----------|-----|----------------|----------|
| 1 | COVER | 7374825 | 20 | WASHER | 8672285 |
| 5 | REGULATOR | 7374943 | 21 | BUSHING | 8393092 |
| 6 | SCREW | 7375371 | 22 | WASHER | 116090 |
| 7 | NUT | AL-XA699A | 23 | SCREW | 132923 |
| 8 | CONNECTOR | 7348949 | 24 | LEAD ASSY | 8393093 |
| 9 | PLATE | 8393094 | 29 | PLUG | 444614 |
| 10 | BRACKET | 7374822 | 30 | CASE | 8673471 |
| 11 | RESISTOR | 7374961 | 32 | BOLT | 424632 |
| 12 | BOLT | 178469 | 34 | SCREW | 120628 |
| 15 | LEAD ASSY | 8393090 | 36 | WASHER | 131015 |
| 16 | RECTIFIER | 7374960 | 37 | RESISTOR | 8332078 |
| 17 | LEAD | 8393095 | 40 | SCREW | AL-X3055 |
| 18 | RESISTOR | 8393091 | 43 | REGULATOR ASSY | 7374944 |
| 19 | TERMINAL | 8672286 | | | |

ORD E64951

Figure 27. Regulator (Auto-Lite)—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0602—REGULATOR (AUTO-LITE) (fig. 27) | | | | | |
| 27 | 2 | ---- | C | F | ---- | 2920-737-4920 | COIL: radio suppression (Auto-Lite (7374920). | ea | 1 | | | |
| 27 | 3 | ---- | C | F | ---- | 5925-737-4945 | BREAKER: circuit, reverse current, assy (Auto-Lite) (7374945). | ea | 1 | | | |
| 27 | 4 | ---- | P | F | ---- | 5310-770-2608 | NUT, PLAIN, KNURLED: adjusting, armature spring (Auto-Lite) (7702608). | ea | 1 | | | |
| 27 | 13 | ---- | P | F | ---- | 5310-044-6187 | WASHER, FLAT: lt, S, 1 $\frac{1}{4}$ id, 5 $\frac{1}{8}$ od, 0.049 thk, for No. 14 0.242 screw size (446187). | ea | 1 | | | |
| 27 | 14 | ---- | P | F | ---- | 5310-050-3342 | NUT, SELF-LOCKING, HEXAGON: br, 1 $\frac{1}{4}$ -28UNF-38, 7 $\frac{1}{16}$ w, 5 $\frac{1}{16}$ thk critical installation (503342). | ea | 1 | | | |
| 27 | 25 | ---- | P | F | ---- | 5330-641-4336 | GASKET: shielded electrical connector, 1.315 in. id, 1.625 in. sq four 0.203 in. screw hole receptacle mounting kit, (5935-570-1380) (7388352). | ea | 2 | | | |
| 27 | 26 | ---- | P | F | ---- | 5935-738-8327 | CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, four terminal, assy (Auto-Lite) (7388327). | ea | 1 | | | |
| 27 | 27 | ---- | P | F | ---- | 5305-042-0464 | SCREW, ASSEMBLED WASHER: rd-hd, int. teeth lockwasher, s, cd- or zn-pltd, No. 8 0.164-32NC-2A x 7 $\frac{1}{16}$ receptacle mounting (Auto-Lite) (420464). | ea | 8 | | | |
| 27 | 28 | ---- | P | F | ---- | 5935-738-8318 | CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof box mounting, three terminal, assy (Auto-Lite) (7388318). | ea | 1 | | | |
| 27 | 31 | ---- | P | F | ---- | 5330-599-8645 | PACKING, PREFORMED: O-ring, class B material high flexibility, 1 $\frac{1}{8}$ in. thk, 6 $\frac{1}{2}$ id cover (Auto-Lite) (546896). | ea | 1 | | | |
| 27 | 33 | ---- | C | F | ---- | 2920-737-4923 | FILTER: radio suppression (Auto-Lite) (737-4923). | ea | 1 | | | |
| 27 | 35 | ---- | P | F | ---- | 5310-050-3240 | NUT, SELF-LOCKING, HEXAGON: br, elastic stop type, No. 8 0.164-32NC-3B, 0.344 w, 1 $\frac{3}{4}$ thk radio suppression coil (Auto-Lite) (503240). | ea | 1 | | | |
| 27 | 38 | ---- | C | F | ---- | 2920-737-4921 | BRACKET: voltage regulator core resistor (Auto-Lite) (7374921). | ea | 1 | | | |
| 27 | 39 | ---- | P | F | ---- | 2920-737-4917 | BASE: panel, insulation (Auto-Lite) (7374917). | ea | 1 | | | |
| 27 | 41 | ---- | P | F | ---- | 5310-655-9587 | WASHER, FLAT: med, S, od- or zn-chromate-fin., 1 $\frac{1}{2}$ id, 1 $\frac{1}{2}$ od, thk 0.049, for No. 10 0.190 screw size (120391). | ea | 4 | | | |
| 27 | 42 | ---- | P | F | ---- | 5305-043-6750 | SCREW, MACHINE: rd-hd, S, cd- zn-pltd, No. 10 0.190-32NF-2A x 1 $\frac{1}{2}$ (436750). | ea | 6 | | | |
| 27 | 44 | ---- | C | F | ---- | 5910-737-4919 | CAPACITOR, FIXED, PAPER DIELECTRIC: assy (Auto-Lite) (7374919). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p>06—ELECTRICAL SYSTEM—Continued</p> <p>0602—REGULATOR (AUTO-LITE) (fig. 27)—Continued</p> | | | | | | | | | | | | |
| 27 | 45 | ---- | P | F | ---- | 5305-012-7651 | SCREW, MACHINE: sltd-hex hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x 3/4 regulator cover (Auto-Lite) (127651). | ea | 6 | | | |
| <p>NONILLUSTRATED ITEM</p> | | | | | | | | | | | | |
| | | | X | 2F | ---- | 2920-335-4707 | SUPPORT: assy (Auto-Lite) (8328475)----- | ea | 1 | | | |
| <p>0602—REGULATOR (DELCO-REMY) (fig. 28)</p> | | | | | | | | | | | | |
| 28 | 5 | ---- | P | F | ---- | 5310-298-9261 | NUT, PLAIN, HEXAGON: S, cd-pltd, No. 10 0.190-32NF-2, 3/8 w, 1/8 thk (453284). | ea | 2 | | | |
| 28 | 6 | ---- | P | F | ---- | 5310-045-3296 | WASHER, LOCK: split, med, S, cd-chromate-fin. No. 10 0.190 screw size cover mounting (4) panel mounting (4) circuit breaker relay (1) and actuating relay (1) (Delco-Remy) (453296). | ea | 10 | | | |
| 28 | 7 | ---- | P | F | ---- | 5310-014-7579 | WASHER, FLAT: S, cd- or zn-chromate-fin., 1/4 id, 5/16 od, 0.065 thk, for No. 10 0.190 screw size (147579). | ea | 1 | | | |
| 28 | 8 | ---- | P | F | ---- | 5310-655-9587 | WASHER, FLAT: lt, S, cd- or zn-chromate-fin., 13/64 id, 15/32 od, 0.049 thk for No. 9 0.177 screw size panel mounting (Delco-Remy) (446152). | ea | 4 | | | |
| 28 | 10 | ---- | P | F | ---- | 2920-737-5772 | PANEL: base, insulating (Delco-Remy) (7375772). | ea | 1 | | | |
| 28 | 11 | ---- | C | F | ---- | 2920-201-3929 | RELAY: actuating (used w/regulator, 2910-735-1952) (Delco-Remy) (7976210). | ea | 1 | | | |
| 28 | 11 | ---- | C | F | ---- | 2920-294-3313 | CUTOUT RELAY, ENGINE GENERATOR: voltage, assy used w/regulators, 2920-394-5999 and 2920-335-4677 (Delco-Remy) (8360075). | ea | 1 | | | |
| 28 | 11 | ---- | P | F | ---- | 5310-012-0613 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4-28UNF-2B, 1/16 w, 5/32 thk (120613). | ea | 1 | | | |
| 28 | ----- | ---- | P | F | ---- | 5310-045-3704 | WASHER, LOCK: int-teeth, S, cd-chromate-fin., 1/4 screw size (453704). | ea | 1 | | | |
| 28 | 12 | ---- | C | F | ---- | 2920-797-6211 | CIRCUIT BREAKER, RELAY: reverse current, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976211). | ea | 1 | | | |
| 28 | 12 | ---- | P | F | ---- | 2920-516-2722 | CIRCUIT BREAKER, RELAY: circuit, reverse current, assy used w/regulator 2920-394-5999 and 2920-335-4677 (Delco-Remy) (8360073). | ea | 1 | | | |
| 28 | ----- | ---- | P | F | ---- | 5310-045-3704 | WASHER, LOCK: int-teeth, S, cd-chromate-fin., 1/4 size (453704). | ea | 1 | | | |

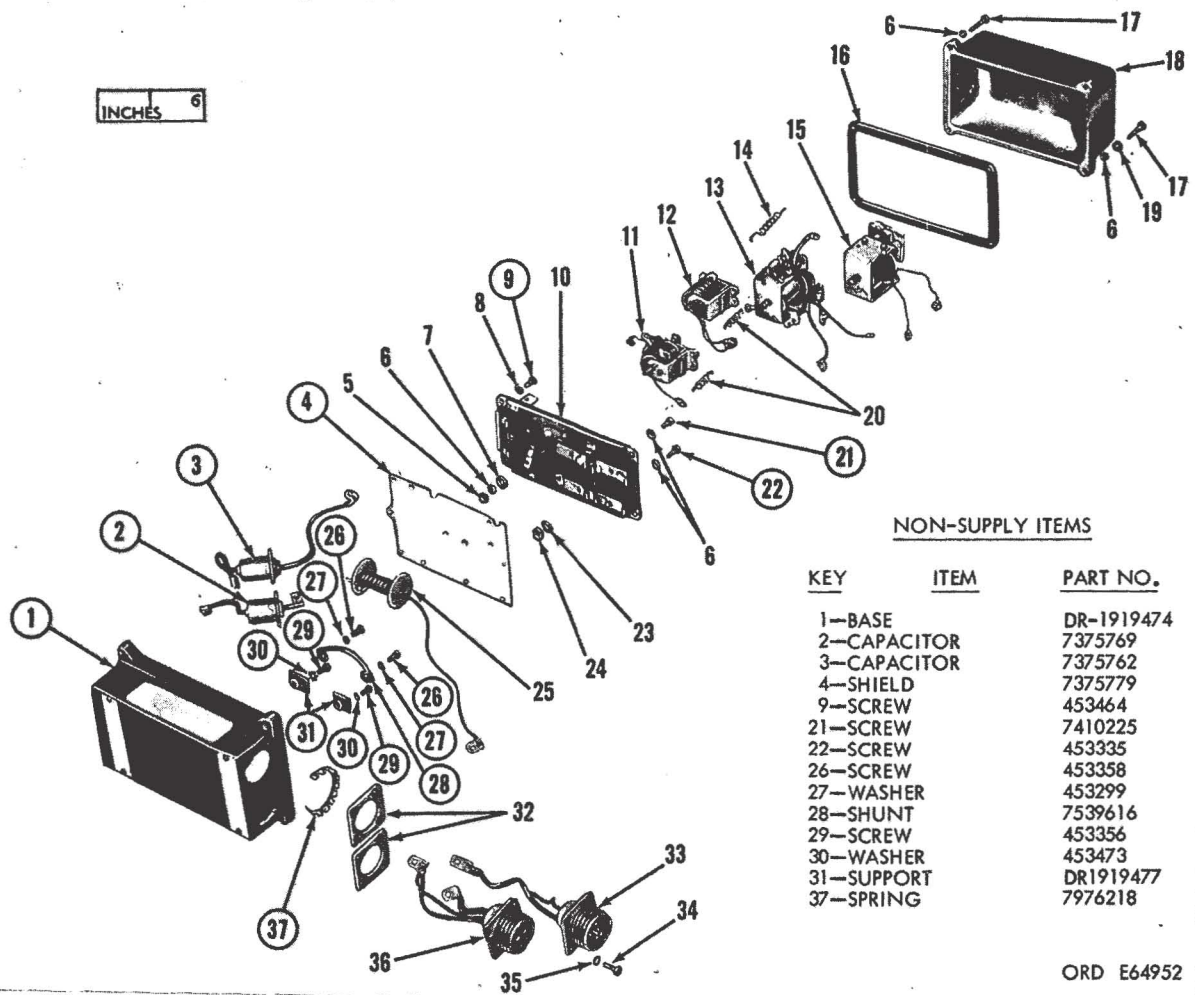


Figure 28. Regulator (Delco-Remy).

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>06—ELECTRICAL SYSTEM—Continued</i> | | | | | | | | | | | | |
| <i>0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued</i> | | | | | | | | | | | | |
| 28 | 13 | ---- | P | F | ---- | 2920-797-6212 | REGULATOR: current, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976212). | ea | 1 | | | |
| 28 | 13 | ---- | C | F | ---- | 2920-699-6841 | REGULATOR: current, assy used w/regulator, 2920-394-5999, and 2920-335-4677 (Delco-Remy) (8360074). | ea | 1 | | | |
| 28 | 14 | ---- | P | F | ---- | 2920-753-9613 | SPRING, HELICAL, EXTENSION: adjusting, current regulator armature and voltage regulator armature (Delco-Remy) (7539613). | ea | 2 | | | |
| 28 | 15 | ---- | C | F | ---- | 2920-797-6214 | REGULATOR: voltage, assy used w/regulator, 2920-735-1952 (Delco-Remy) (7976214). | ea | 1 | | | |
| 28 | 16 | ---- | C | F | ---- | 5330-753-9633 | GASKET: cover (Delco-Remy) (7539633) | ea | 1 | | | |
| 28 | 17 | ---- | P | F | ---- | 5305-753-9652 | SCREW, MACHINE: special, regulator cover (Delco-Remy) (7539652). | ea | 4 | | | |
| 28 | 18 | ---- | P | F | ---- | 2920-569-8930 | COVER, VOLTAGE REGULATOR; w/cup, screw and washer assy (Delco-Remy) (7539615). | ea | 1 | | | |
| 28 | 19 | ---- | P | F | ---- | 2920-753-9654 | CUP: seal, cover screw (Delco-Remy) (7539654). | ea | 2 | | | |
| 28 | 20 | ---- | P1 | F | ---- | 2920-737-5780 | SPRING, HELICAL, EXTENSION: armature, actuating relay and reverse current circuit breaker (used w/regulator. 2920-735-1952) (Delco-Remy) (16764-1916982). | ea | 2 | | | |
| 28 | 23 | ---- | P | F | ---- | 5310-045-3704 | WASHER, LOCK: int-teeth, S, cd-chromate-fin., 1/4 screw size (453704). | ea | 2 | | | |
| 28 | 24 | ---- | P | F | ---- | 5310-012-0613 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4-28UNF-2B, 1/16 w, 5/32 thk (120613). | ea | 2 | | | |
| 28 | 25 | ---- | P | F | ---- | 2920-737-5763 | COIL: choke assy used w/regulator, 2920-735-1952 (Delco-Remy) (7375763). | ea | 1 | | | |
| 28 | 32 | ---- | P | F | ---- | 5330-641-4336 | GASKET: shielded electrical connector, 1.375 in. id, 1.625 in. sq., four 0.203 in. screw hole receptacle mounting, kit, (7388352). | ea | 2 | | | |
| 28 | 33 | ---- | P | F | ---- | 5935-738-8318 | CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, assy three-terminal (Delco-Remy) (7388319). | ea | 1 | | | |
| 28 | 34 | ---- | P | F | ---- | 5305-043-6695 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 receptacle mounting (Delco-Remy) (131970). | ea | 8 | | | |
| 28 | 35 | ---- | P | F | ---- | 5310-045-3299 | WASHER, LOCK: split, med, S, cd-chromate-fin., No. 8 0.164 screw size receptacle mounting (Delco-Remy) (453299). | ea | 8 | | | |
| 28 | 36 | ---- | P | F | ---- | 5935-738-8327 | CONNECTOR, RECEPTACLE, ELECTRICAL: waterproof, box mounting, assy four-terminal (Delco-Remy) (7388327). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS | | | | | |
| | | | P | F | ---- | 5910-562-0428 | CAPACITOR: battery terminal 3.0 mfd (used w/regulator, 2920-335-4677) (Delco-Remy) (16764-1925893). | ea | 1 | | | |
| | | | P | F | ---- | 6Z19-322-83 | CLAMP: mounting, current and voltage regulator resistor (used w/regulator, 2920-335-4677) (Delco-Remy) (6Z1932-283). | ea | 2 | | | |
| | | | P | F | ---- | 2920-753-9649 | GASKET: receptacle mounting shield used w/regulator, 2920-394-5999 (Delco-Remy) (7539649). | ea | 1 | | | |
| | | | P | F | ---- | 2920-606-8502 | PARTS KIT, RESISTOR, GENERATOR REGULATOR: (Delco-Remy) (5702516). Composed of: 1 RESISTOR 80 OHMS (7539617) 1 RESISTOR 200 OHMS (7539618) 1 RESISTOR 500 OHMS (7539620) 1 RESISTOR 1000 OHMS (7376213) 1 RESISTOR 1500 OHMS (7375778) | ea | † | | | |
| | | | C | F | ---- | 5905-737-3348 | RESISTOR, FIXED, WIRE WOUND: 300 ohm used w/regulator, 2920-394-5999 and 2920-735-1952 (Delco-Remy) (7373348). | ea | 2 | | | |
| | | | P | F | ---- | 5305-013-2688 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x ¼ (capacitor mounting) (132688). | ea | 12 | | | |
| | | | P | F | ---- | 5305-042-4714 | SCREW, TAPPING, THREAD CUTTING: fil-hd, stld-blunt-pt, S, cd- or zn-pltd, No. 6 0.138-32NC-2 x ⅝ (choke coil capacitor) (424714). | ea | 8 | | | |
| | | | P | F | ---- | 5340-205-4672 | SPRING, HELICAL, EXTENSION: adjusting, circuit breaker armature used w/breaker, 2920-569-8928 and 2920-699-6840 (Delco-Remy) (7539611). | ea | 1 | | | |
| | | | X | 2F | ---- | 2920-335-4707 | SUPPORT: assy (Delco-Remy) (8328475)----- | ea | 1 | | | |
| | | | P | P | ---- | 5940-020-0346 | TERMINAL: cable, solder, roll, dble-ear, lh, type K, br, tnd, 0.022 thk, No. 16-14 awg cable, hole for No. 8 screw (voltage regulator) (Delco-Remy) (200346). | ea | 1 | | | |
| | | | P | F | ---- | 5940-020-0182 | TERMINAL, LUG: cable, solder, roll, dble-ear, rh, type K br, tnd, 0.032 in. thk, No. 16 awg cable, hole for No. 8 screw (current regulator and voltage regulator) (Delco-Remy). | ea | 2 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0602—REGULATOR (DELCO-REMY) (fig. 28)—Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | P | F | ---- | 5940-020-0154 | TERMINAL, LUG: wire, solder, roll type, lh, rd-end tongue, dble-drip, br, tnd, No. 16-14 awg wire, hole for No. 10 screw (type k), 0.032 thk (current regulator). | ea | 1 | | | |
| | | | P | F | ---- | 5310-013-1044 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size capacitor mounting (12) (131044) choke coil capacitor (4). | ea | 16 | | | |
| | | | P | F | ---- | 5310-596-7674 | WASHER, LOCK: split, lt, S, cd- or zn-pltd, No. 6 0.138 screw size choke coil capacitor (131181). | ea | 4 | | | |
| | | | | | | | 0602—REGULATOR ALTERNATOR (NONILLUSTRATED ITEMS) | | | | | |
| | | | P | F | ---- | 2920-695-6310 | ARMATURE VOLTAGE REGULATOR: carbon pile assy (alternator) (35510-536-134) (8672800). | ea | 1 | | | |
| | | | P | F | ---- | 2920-695-6307 | CAPACITOR, FIXED, QUARTZ DIELECTRIC: capacitor, and panel assy (alternator) (8672773). | ea | 1 | | | |
| | | | P | F | ---- | 5305-226-9268 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x $\frac{3}{8}$ (132696). | ea | 1 | | | |
| | | | P | F | ---- | 5310-013-1044 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size (131044). | ea | 1 | | | |
| | | | P | F | ---- | 5340-057-2891 | CLAMP, ELECTRICAL: closed, S, cd- or zn-pltd, $\frac{5}{16}$ od tube, hole for No. 10 screw, relay panel (alternator). | ea | 2 | | | |
| | | | P | F | ---- | 5310-012-0614 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 10 0.190-32NF-2B, $\frac{3}{8}$ w $\frac{1}{8}$ thk (120614). | ea | 2 | | | |
| | | | P | F | ---- | 5305-013-2903 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $\frac{1}{16}$ (132903). | ea | 2 | | | |
| | | | P | F | ---- | 5305-013-2915 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-2A x $\frac{3}{4}$ (132915). | ea | 1 | | | |
| | | | P | F | ---- | 5310-012-0217 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296). | ea | 4 | | | |
| | | | P | F | ---- | 2920-695-6308 | COIL, VOLTAGE REGULATOR: operating assy (alternator) (8672798). | ea | 1 | | | |
| | | | P | F | ---- | 2920-695-6309 | COIL, VOLTAGE REGULATOR: paralleling assy (alternator) (8672799). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0602—REGULATOR ALTERNATOR —Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | P | F | ---- | 5935-280-2111 | CONNECTOR ASSEMBLY, ELECTRICAL: alternator (7064706). | ea | 1 | | | |
| | | | P | F | ---- | 5305-043-6695 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (131970). | ea | 4 | | | |
| | | | P | F | ---- | 5310-012-1841 | WASHER, LOCK: split, med. S, cd- or zn-pltd, No. 8 0.164 screw size (121841). | ea | 4 | | | |
| | | | P | F | ---- | 5935-259-0204 | CONNECTOR, RECEPTACLE, ELECTRICAL: assy (alternator) (7064429). | ea | 1 | | | |
| | | | P | F | ---- | 5305-043-6695 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/2 (131970). | ea | 4 | | | |
| | | | P | F | ---- | 5310-012-1841 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 8 0.164 screw size (121841). | ea | 4 | | | |
| | | | P | F | ---- | 2920-695-6304 | SCREW: terminal, carbon pile (alternator) (8672695). | ea | 1 | | | |
| | | | P | F | ---- | 2920-349-3698 | CUTOUT RELAY: assy (alternator) (867-2760). | ea | 1 | | | |
| | | | P | F | ---- | 5305-012-1540 | SCREW, MACHINE: rd-hd. S, cd- or zn-pltd, No. 10 0.190-32 2A x 5/16 (121540). | ea | 1 | | | |
| | | | P | F | ---- | 5310-045-3296 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296). | ea | 1 | | | |
| | | | P | F | ---- | 6110-627-2537 | DISK VOLTAGE REGULATOR: assy (alternator). | ea | 1 | | | |
| | | | | | | 2920-695-6313 | PILE CARBON ASSY (8676994) | | | | | |
| | | | P | F | ---- | 5330-054-6899 | GASKET: packing, O-ring regulator cover (alternator) (546899). | ea | 1 | | | |
| | | | P | F | ---- | 5330-599-6089 | GASKET: ru, elect connector, 1.750 in. id, 2.000 in. sq four 0.203 in. screw receptacle (alternator) (7388357). | ea | 1 | | | |
| | | | P | F | ---- | 5970-695-6314 | INSULATOR BUSHING: alternator (8677108). | ea | 1 | | | |
| | | | P | O | ---- | 5340-692-9356 | SUPPORT: flexible, regulator mounting bracket (7392936). | ea | 4 | | | |
| | | KZ | P1 | F | ---- | 5310-012-0214 | WASHER, LOCK: split, med, S, cd or zn-pltd, 5/16 screw size (120214). | ea | 4 | | | |
| | | | P | F | ---- | 5310-013-4524 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 4 0.112-4JNC-2B, 1/4 w. 3/8 thk (134524). | ea | 2 | | | |
| | | | P | F | ---- | 5330-240-1955 | PACKING, PREFORMED: O-ring, carbon-pile cover and end plate (alternator) (7974910). | ea | 2 | | | |
| | | | P | F | ---- | 5330-291-7353 | PACKING, PREFORMED: O-ring, regulator cover (alternator) (7974911). | ea | 1 | | | |
| | | | P | F | ---- | 2920-699-7065 | PACKING, PREFORMED: O-ring, regulator cover (alternator) (8690334). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0602—REGULATOR ALTERNATOR —Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | P | F | ---- | 2590-349-3651 | PANEL: contact, w/leads, assy (alternator) (8672776). | ea | 1 | | | |
| | | | P | F | ---- | 5310-834-3156 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 6 (0.138)-32NC-28, $\frac{5}{16}$ wd, $\frac{1}{64}$ thk (96906-35649-62). | ea | 4 | | | |
| | | | P | F | ---- | 5310-013-1044 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 6 0.138 screw size (131044). | ea | 4 | | | |
| | | | P | F | ---- | 2920-695-6312 | PLATE: contact, relay armature, assy (alternator) (8672855). | ea | 1 | | | |
| | | | P | F | ---- | 5905-695-9208 | RESISTOR: adjustable, relay panel (alternator) (8672745). | ea | 1 | | | |
| | | | P | F | ---- | 5905-695-9210 | RESISTOR, FIXED, COMPOSITION: 350 ohm, w/terminals assy (alternator) (867-2770). | ea | 1 | | | |
| | | | P | F | ---- | 5905-695-9211 | RESISTOR, FIXED, WIRE WOUND: 18 ohm, w/terminals, assy (alternator) (867-2772). | ea | 1 | | | |
| | | | P | F | ---- | 5310-012-0614 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 10 0.190-32NF-2B, $\frac{3}{8}$ w, $\frac{1}{8}$ thk (120614). | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-2942 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $2\frac{1}{4}$ (132942). | ea | 1 | | | |
| | | | P | F | ---- | 5310-045-3296 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 10 0.190 screw size (453296). | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-3440 | SCREW, MACHINE: fl-hd, S, cd- or zn-pltd, No. 6 0.138-32NC-2A x $\frac{3}{4}$ (133440). | ea | 4 | | | |
| | | | P | F | ---- | 5305-013-2911 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $\frac{5}{8}$ relay panel (alternator) (132911). | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-2915 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 10 0.190-32NF-2A x $\frac{3}{4}$ cover (alternator) (132915). | ea | 6 | | | |
| | | | P | F | ---- | 5305-043-6644 | SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 4 0.112-40NC-2A x $\frac{3}{4}$ (132656). | ea | 2 | | | |
| | | | P | F | ---- | 5310-209-5311 | WASHER, LOCK: split, med, S, cd- or zn-pltd, No. 4 0.112 screw size (131043). | ea | 2 | | | |
| | | | P | F | ---- | 5310-582-5965 | WASHER, LOCK: split, med, S, cd- or zn-pltd, $\frac{1}{4}$ screw size (capacitor terminal post (4) and relay terminal post (1) alternator) (96906-35338-44). | ea | 5 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--------------------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 06—ELECTRICAL SYSTEM—Continued | | | | | | | | | | | | |
| 0603—STARTER (fig. 29) | | | | | | | | | | | | |
| 29 | 1 | ---- | P | F | ---- | 2920-633-5795 | PARTS KIT, STARTER: (used w/starter, 2920-025-9988) (Auto-Lite) (5702328). Composed of: 1 HEAD (8328135) 1 BEARING (5346762) | ea | † | | | |
| | 1.1 | ---- | | | ---- | ----- | | | | | | |
| | 1.2 | ---- | | | ---- | ----- | | | | | | |
| 29 | 2 | ---- | P | F | ---- | 5977-091-9764 | KIT: brush (used w/starter, 2920-025-9988) (Auto-Lite) (8333766). Composed of: 2 BRUSH, GROUNDED (19728-MCS-1034S) 4 SPRING, BRUSH (7375301) 2 BRUSH, INSULATED (19728-MCS12) | ea | † | | | |
| | 2.1 | ---- | | | ---- | ----- | | | | | | |
| | 2.2 | ---- | | | ---- | ----- | | | | | | |
| | 2.3 | ---- | | | ---- | ----- | | | | | | |
| 29 | 3 | ---- | C | F | ---- | 5977-503-2304 | HOLDER ASSEMBLY, ELECTRICAL CONTACT BRUSH: w/brush and spring (Auto-Lite) (7374938). | ea | 1 | | | |
| 29 | 4 | ---- | P | F | ---- | 5330-291-1987 | PACKING, PREFORMED: O-ring, class B material high flexibility, 1/8 thk, 3 5/8 id (commutator end head and drive end head) (Auto-Lite) (546875). | ea | 2 | | | |
| 29 | 13 | ---- | C | F | ---- | 2920-346-5775 | ARMATURE: starter (Auto-Lite) (8328057) | ea | 2 | | | |
| 29 | 14 | ---- | C | F | ---- | 2920-096-8129 | CLUTCH: assy (Auto-Lite) (8328139) | ea | 1 | | | |
| 29 | 23 | ---- | P | F | ---- | 5330-050-1220 | PACKING, PREFORMED: O-ring, class B material high flexibility, 1/16 in. thk, 3/8 in. id (drive pinion shifting yoke lever shaft) (Auto-Lite) (501220). | ea | 1 | | | |
| 29 | 24 | ---- | C | F | ---- | 2920-040-1919 | SHAFT: drive pinion shifting yoke (Auto-Lite) (8328067). | ea | 1 | | | |
| 29 | 30 | ---- | P | F | ---- | 5305-281-4718 | SCREW, MACHINE: hex-hd, S, plain fin., No. 8 0.164-32NC-2A x 5/16 (drive end housing) (Auto-Lite) (271122). | ea | 6 | | | |
| 29 | 32 | ---- | P | F | ---- | 2920-364-5974 | WICK: felt (commutator end bearing) (Auto-Lite) (5308307). | ea | 1 | | | |
| NONILLUSTRATED ITEMS | | | | | | | | | | | | |
| | | | P | H | ---- | 2920-569-8905 | COIL SET: field, assy (Auto-Lite) (8333760) | ea | 1 | | | |
| | | | P | F | ---- | 2920-737-4930 | GASKET: switch housing terminal post (Auto-Lite) (7374930). | ea | 2 | | | |
| | | | C | F | ---- | 2920-776-0417 | PEDAL: starter, assy (Auto-Lite) (7760417) | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-1954 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 8 0.164-32NC-2A x 1/4 (Auto-Lite) (131954). | ea | 1 | | | |

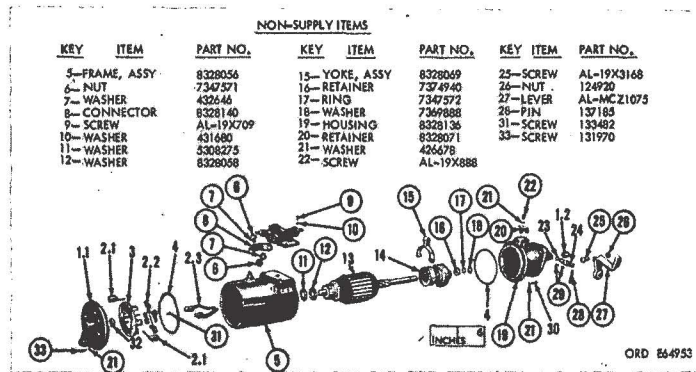
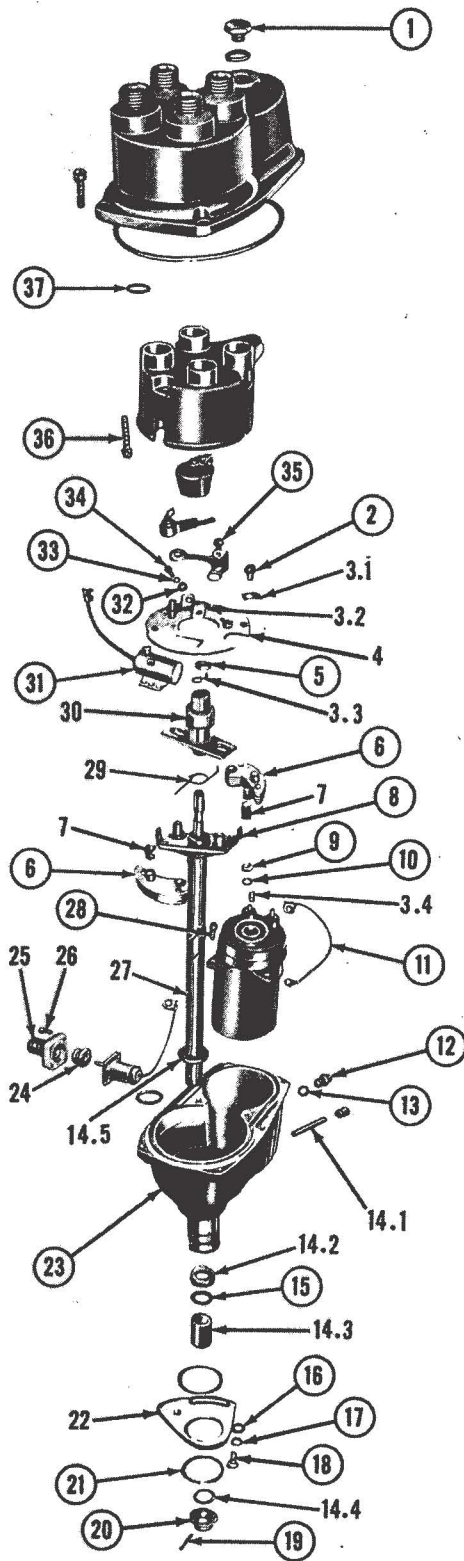


Figure 29. Starter assembly—exploded view.



NON-SUPPLY ITEMS

| | | |
|----|--------------------|----------|
| 1 | PLUG | 7374888 |
| 2 | SCREW W/LOCKWASHER | 591400 |
| 5 | WICK | 5346784 |
| 6 | WEIGHT | 7706790 |
| 8 | SPACER | 5346768 |
| 9 | NUT | 120614 |
| 10 | WASHER | 431680 |
| 11 | LEAD, ASSY | 7374878 |
| 12 | PLUG | 7347547 |
| 13 | WASHER | 7346969 |
| 15 | WASHER | AL-1AU10 |
| 16 | WASHER | 120387 |
| 17 | WASHER | 431543 |
| 18 | BOLT | 214002 |
| 19 | PIN | 112011 |
| 20 | COLLAR | 7351133 |
| 21 | GASKET | 7375110 |
| 23 | BASE, ASSY | 8329785 |
| 28 | SCREW W/LOCKWASHER | 455214 |
| 31 | CAPACITOR, ASSY | 7374881 |
| 32 | WASHER | 131014 |
| 33 | WASHER | 500494 |
| 34 | SCREW | 583842 |
| 35 | SCREW | 455210 |
| 36 | SCREW W/LOCKWASHER | 455219 |
| 37 | WASHER | 7374894 |

1/2 1 1 1/2 2 2 1/2 3 3 1/2 4 4 1/2 5 5 1/2 6 6 1/2 7 7 1/2 8 8 1/2 9 9 1/2 10
INCHES

ORD E64954

Figure 30. Distributor assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>06—ELECTRICAL SYSTEM—Continued</i> | | | | | | | | | | | | |
| <i>0605—DISTRIBUTOR ASSY (fig. 30)</i> | | | | | | | | | | | | |
| 30 | 3 | --- | P | F | --- | 2920-606-9378 | PARTS KIT, BREAKER PLATE: (5702562). Composed of: 2 HOLDER (7374885) 1 CLIP (5346775) 1 RING (5346767) 1 SPRING (7374893) | ea | † | | | |
| | 3.1 | --- | | | --- | ----- | | | | | | |
| | 3.2 | --- | | | --- | ----- | | | | | | |
| | 3.3 | --- | | | --- | ----- | | | | | | |
| | 3.4 | --- | | | --- | ----- | | | | | | |
| 30 | 4 | --- | C | F | --- | 2920-353-7204 | PLATE, IGNITION CONTACT BREAKER: (Auto-Lite) (7374887). | ea | 1 | | | |
| 30 | 7 | --- | P | F | --- | 5340-350-2288 | SPRING SET: governor weight (Auto-Lite) (7376393). Composed of: 2 SPRING (19728-IGB284) | ea | 1 | | | |
| 30 | 14 | --- | P | F | --- | 2920-606-9376 | PARTS KIT, DISTRIBUTOR BASE: (570-2524). Composed of: 1 WICK (8729787) 1 SEAL (7351671) 2 BEARING (6167596) 1 WASHER (5307283) 1 WASHER (7980860) | ea | † | | | |
| | 14.1 | --- | | | --- | ----- | | | | | | |
| | 14.2 | --- | | | --- | ----- | | | | | | |
| | 14.3 | --- | | | --- | ----- | | | | | | |
| | 14.4 | --- | | | --- | ----- | | | | | | |
| | 14.5 | --- | | | --- | ----- | | | | | | |
| 30 | 22 | --- | X2 | F | --- | 2920-737-5372 | ARM: control, spark advance (Auto-Lite) (7375372). | ea | 1 | | | |
| 30 | 24 | --- | P | F | --- | 5325-358-7900 | GROMMET: receptacle to housing (Auto-Lite) (8328076). | ea | 1 | | | |
| 30 | 25 | --- | P | F | --- | 5935-306-2072 | RECEPTACLE: wiring harness (8329786)----- | ea | 1 | | | |
| 30 | 26 | --- | P | F | --- | 5305-696-5305 | SCREW, ASSEMBLED WASHER: fil-hd, w/int-teeth, S, cd- or zn-pltd, No. 6 0.138-32NC-2 x 1/2 (wiring harness receptacle) (455215). | ea | 4 | | | |
| 30 | 27 | --- | P | F | --- | 2920-737-5376 | SHAFT: w/weight plate, assy (Auto-Lite) (7375376). | ea | 1 | | | |
| 30 | 29 | --- | P | F | --- | 2920-353-7255 | SPRING: anti-rattle, breaker cam (7412960)--- | ea | 1 | | | |
| 30 | 30 | --- | P | F | --- | 2920-737-5378 | CAM, BREAKER STOP PLATE: assy (Auto-Lite) (7375378). | ea | 1 | | | |
| <i>NONILLUSTRATED ITEM</i> | | | | | | | | | | | | |
| | | | C | F | --- | 5340-361-7935 | SPRING: friction, drive shaft (7347355)----- | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 30 | 1 | ---- | C | F | ---- | 6250-353-0955 | <i>06—ELECTRICAL SYSTEM—Continued</i> <i>0609—RIGHT SERVICE, BLACKOUT TAIL, AND STOPLIGHT ASSEMBLY (fig. 31)</i> CONNECTOR SOCKET, W/WIRING: assy right taillight (7526005). | ea | 1 | | | |

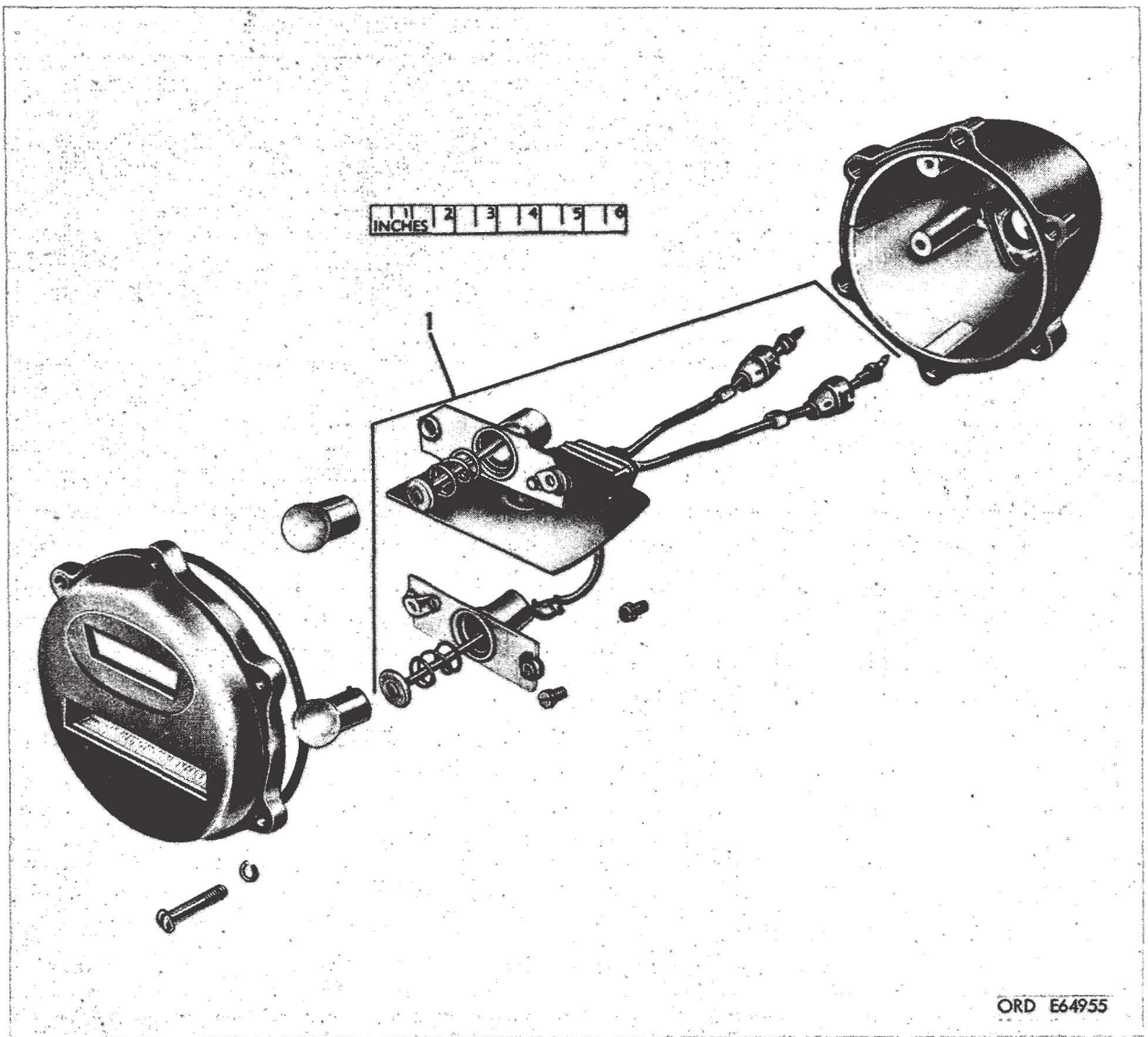


Figure 31. Right service, blackout tail, and stoplight assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 06—ELECTRICAL SYSTEM—Continued | | | | | |
| | | | | | | | 0609—SERVICE HEADLIGHT ASSEMBLY (fig. 32) | | | | | |
| 32 | 2 | ---- | C | F | ---- | 5305-353-0969 | SCREW, MACHINE: adjusting, service headlight lamp-unit (7538146). | ea | 4 | | | |
| 32 | 4 | ---- | P | F | ---- | 5325-752-5365 | GROMMET, RUBBER: blackout driving light (1) and headlight (2) (7525365). | ea | 3 | | | |

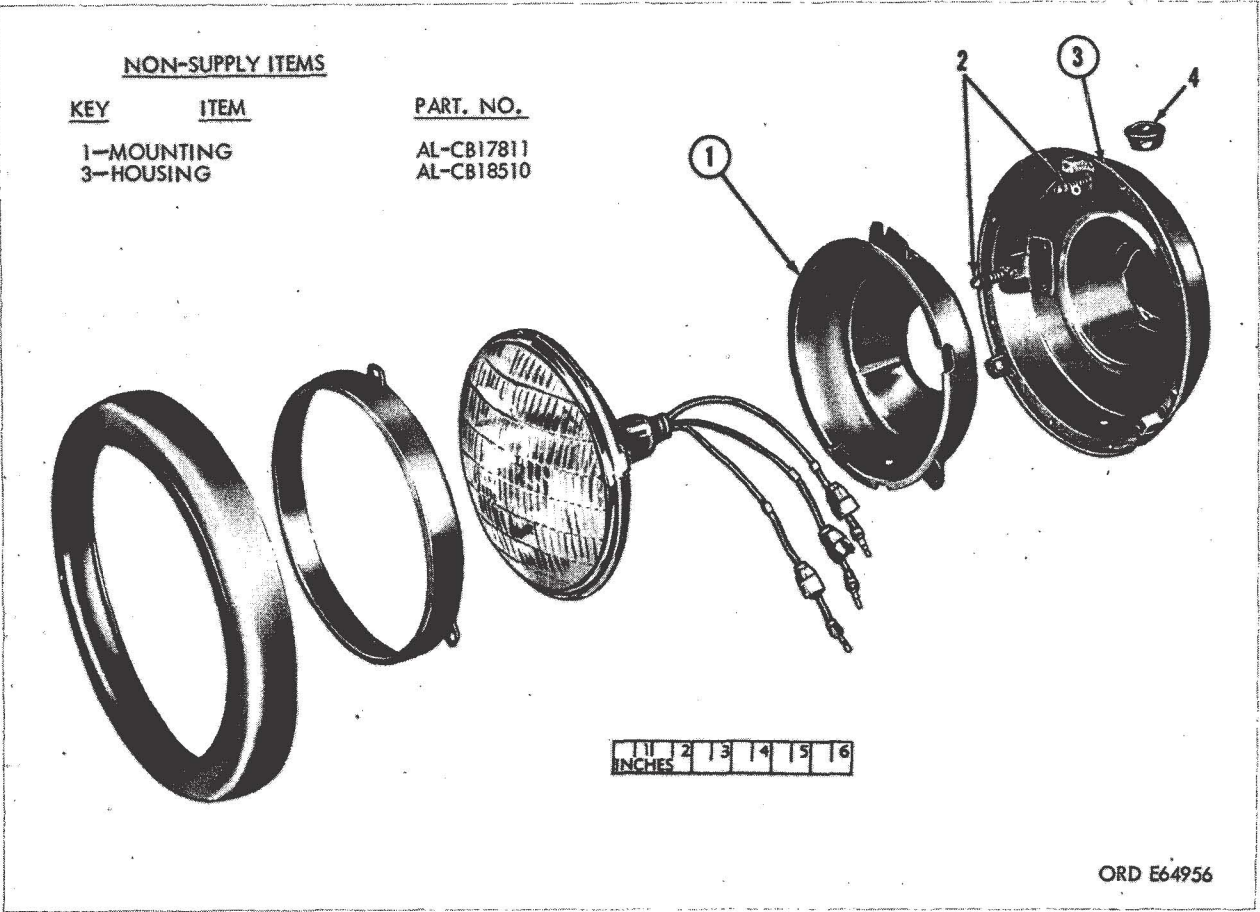


Figure 32. Service headlight assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 33 | 2 | ---- | P | F | ---- | 2590-693-4227 | 06—ELECTRICAL SYSTEM—Continued 0613—CHASSIS WIRING (fig. 33) WIRING HARNESS: wiring, light switch, assy front and rear (8333282). NONILLUSTRATED ITEMS | ea | 1 | | | |
| | | KZ | P1 | F | ---- | 6145-548-2927 | BRAID WIRE: fl, ind-cop, $\frac{25}{32}$ in. w, automotive, bare strap, awg No. 4 (832x36) (ground strap) (19 in.) (ft) (80244-22-C-70) H0050811650 (bulk material). | ea | † | | | |
| | | | P | O | ---- | 5975-644-3156 | BUSHING, ELECTRICAL CONDUCTOR: S, cd- or zn-chromate-fin., 0.260 id, 0.180 over-all lg—kit, 5935-570-1060 (572999). | ea | 150 | | | |
| | | | P | F | ---- | 5330-514-4459 | RETAINER: PACKING: 30 deg-ck, al, cd-pltd, 0.766 id 1.052 od, 0.125 over-all lg—5935-570-1380 (7527641). | ea | 5 | | | |

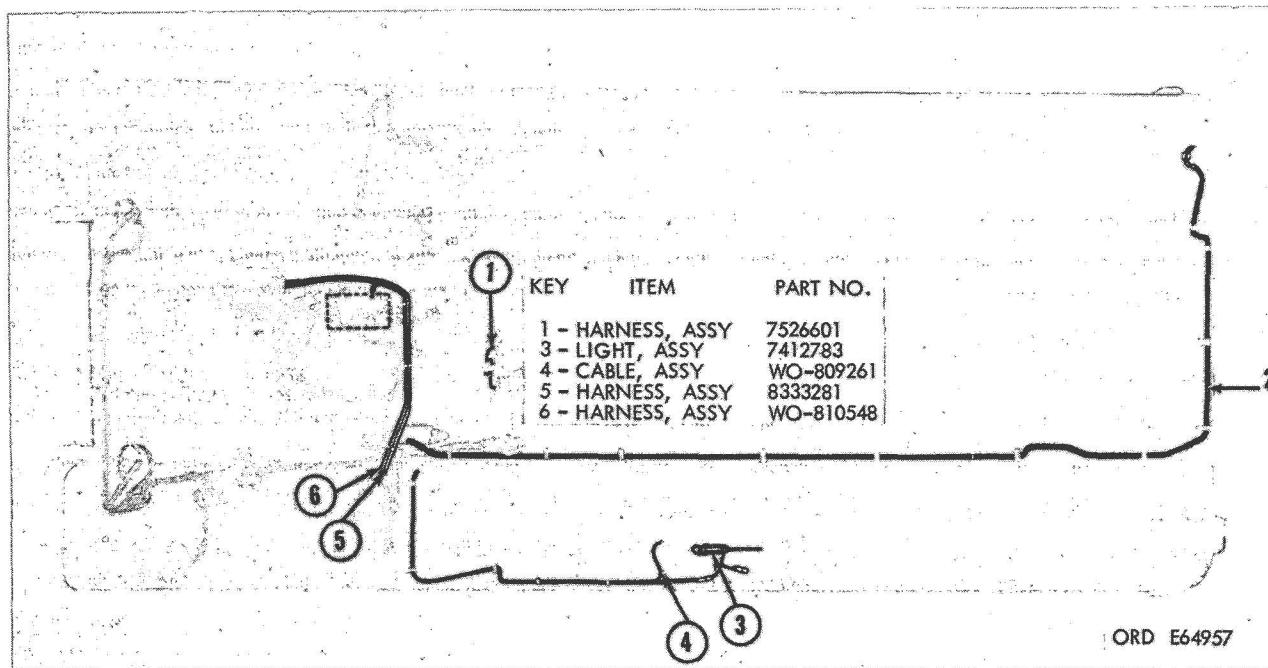


Figure 33. Chassis wiring.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 34 | 4 | ---- | P | F | ---- | 2920-321-6447 | <i>06—ELECTRICAL SYSTEM—Continued</i> <i>0613—CHASSIS WIRING (fig. 34)</i> HARNESS: wiring, voltage regulator, assy (8677431). | ea | 1 | | | |

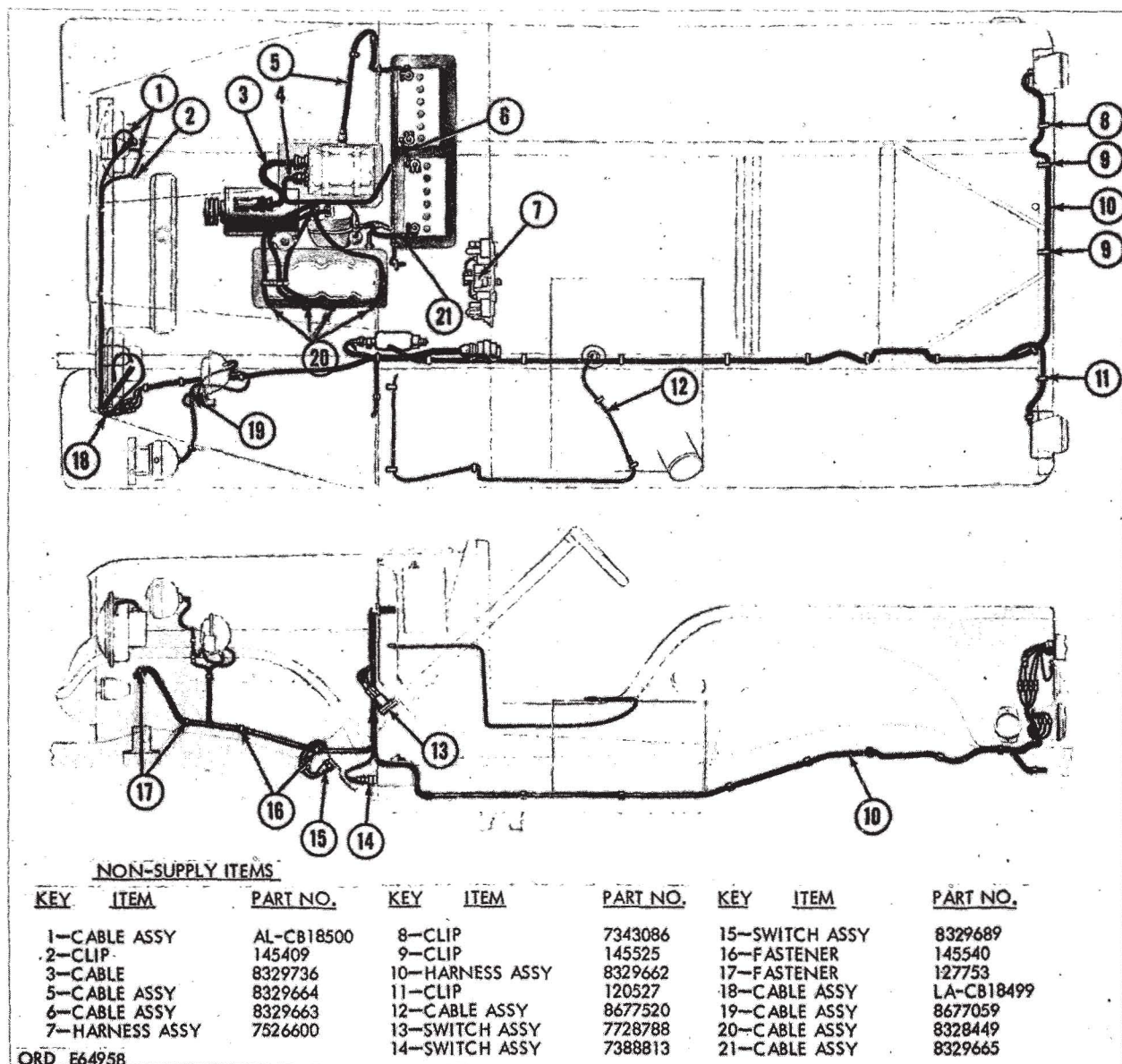
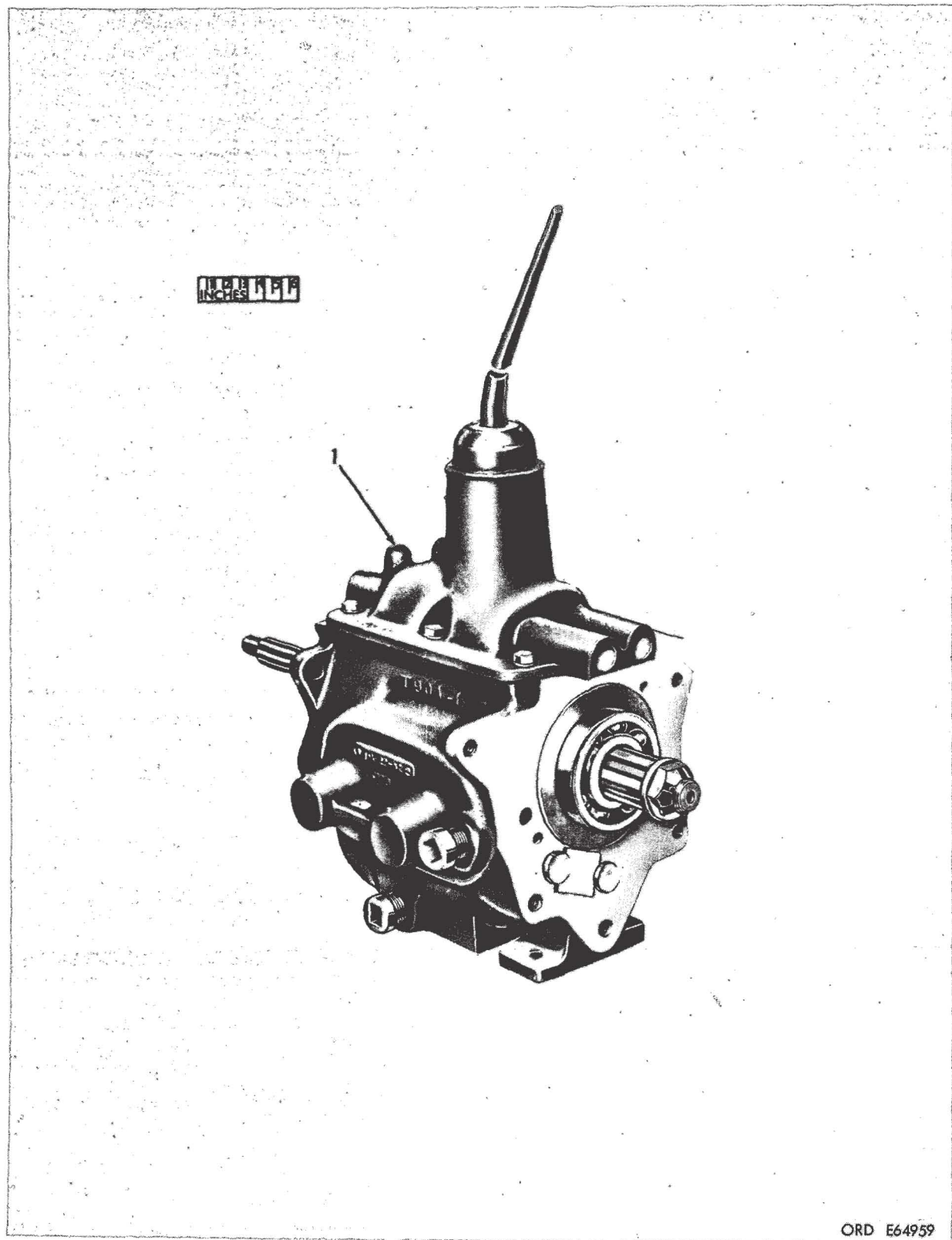


Figure 34. Chassis wiring.



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Figure 35. Transmission assembly.

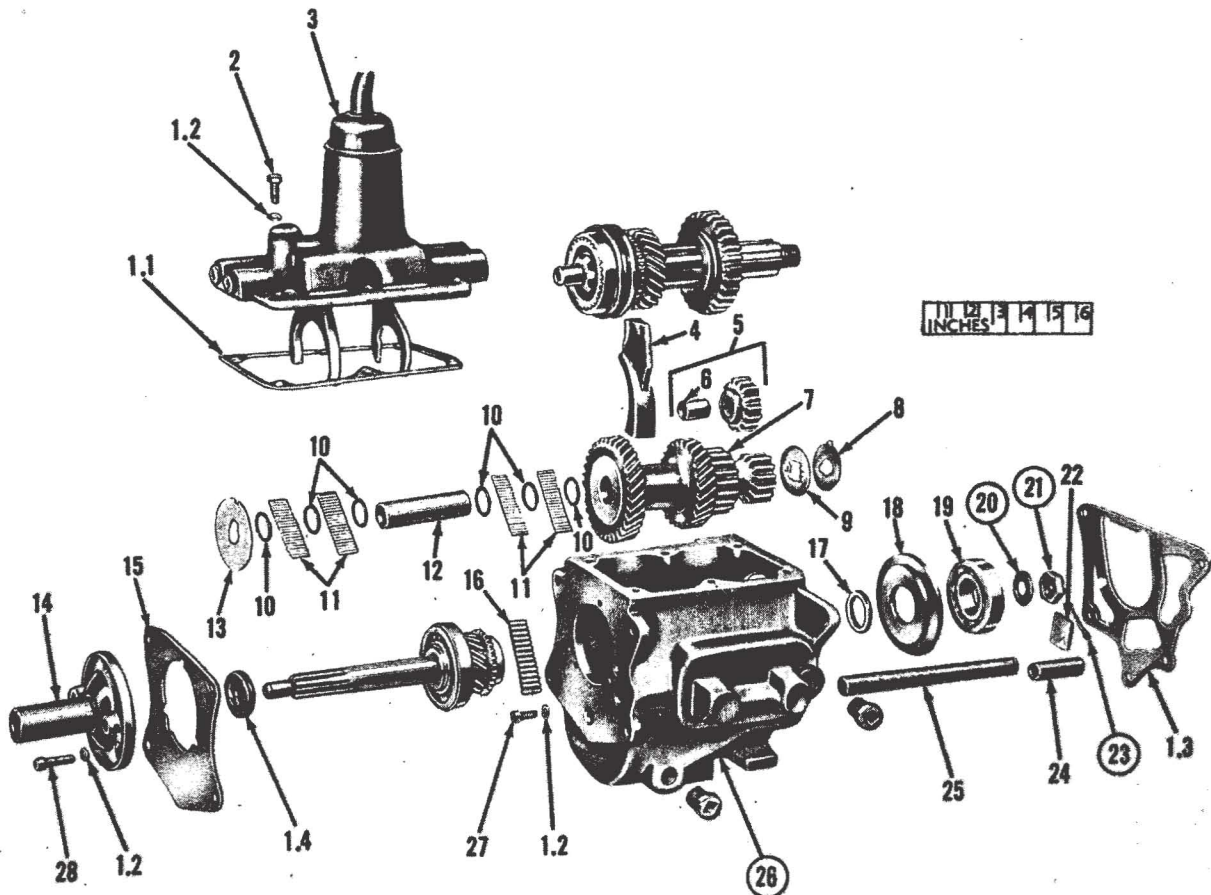
| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;"><i>07—TRANSMISSION</i></p> <p style="text-align: center;"><i>0700—TRANSMISSION ASSEMBLY</i> (fig. 35)</p> | | | | | | | | | | | | |
| 35 | 1 | ---- | P | F | R | 2520-769-7471 | TRANSMISSION: w/gear shift hand lever, assy (7697471). | ea | 1 | | | |
| | | | P | F | ---- | 5305-012-2267 | SCREW, CAP HEXAGON HEAD: low-carb-S, cd-or zn-pltd, $\frac{1}{16}$ -14UNC-2A x $1\frac{1}{4}$ (122267). | ea | 4 | | | |
| | | | P | F | ---- | 5310-011-6104 | WASHER, FLAT: lt cop., $\frac{15}{32}$ id, $\frac{59}{64}$ od, 0.065 thk, for $\frac{1}{16}$ screw size (116104). | ea | 4 | | | |
| | | | P | F | ---- | 5310-013-6857 | WASHER, LOCK: ext-teeth S, cd-or zn-pltd, $\frac{1}{16}$ screw size (136857). | ea | 4 | | | |
| 36 | 1 | ---- | P | F | ---- | 2520-737-2880 | GASKET SET: transmission (7372880)----- | ea | † | | | |
| 36 | 1.1 | ---- | | | | 2520-737-4977 | Composed of: 1 GASKET, top cover (7374977) | | | | | |
| 36 | 1.2 | ---- | | | | 5330-291-9013 | 5 GASKET, input shaft bearing cover bolt (3) and oil collector screw (2) (8329873) | | | | | |
| 36 | 1.3 | ---- | | | | | 1 GASKET, transmission to transfer case (7372878) | | | | | |
| 36 | 1.4 | ---- | | | | | 1 SEAL, oil input shaft bearing cover (7697572) | | | | | |
| | | | | | | | 1 GASKET, gear shift hand lever retainer (7374976) (nonillustrated) | | | | | |
| | | | | | | | 1 GASKET, input shaft bearing cover (7697565) (nonillustrated) | | | | | |
| 36 | 15 | ---- | C | F | ---- | 2520-040-2585 | GASKET: case to bell housing (8329853)----- | ea | 1 | | | |

NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. |
|-----|------|----------|
|-----|------|----------|

| | | |
|------|--------|---------|
| 20 - | WASHER | 7375131 |
| 21 - | NUT | 7743652 |
| 23 - | PIN | 120123 |
| 26 - | CASE | 7372877 |

| KEY | ITEM | GROUP |
|------|------------|-------|
| 1 - | GASKET SET | 0700 |
| 2 - | SCREW | 0704 |
| 3 - | COVER | 0704 |
| 15 - | GASKET | 0700 |

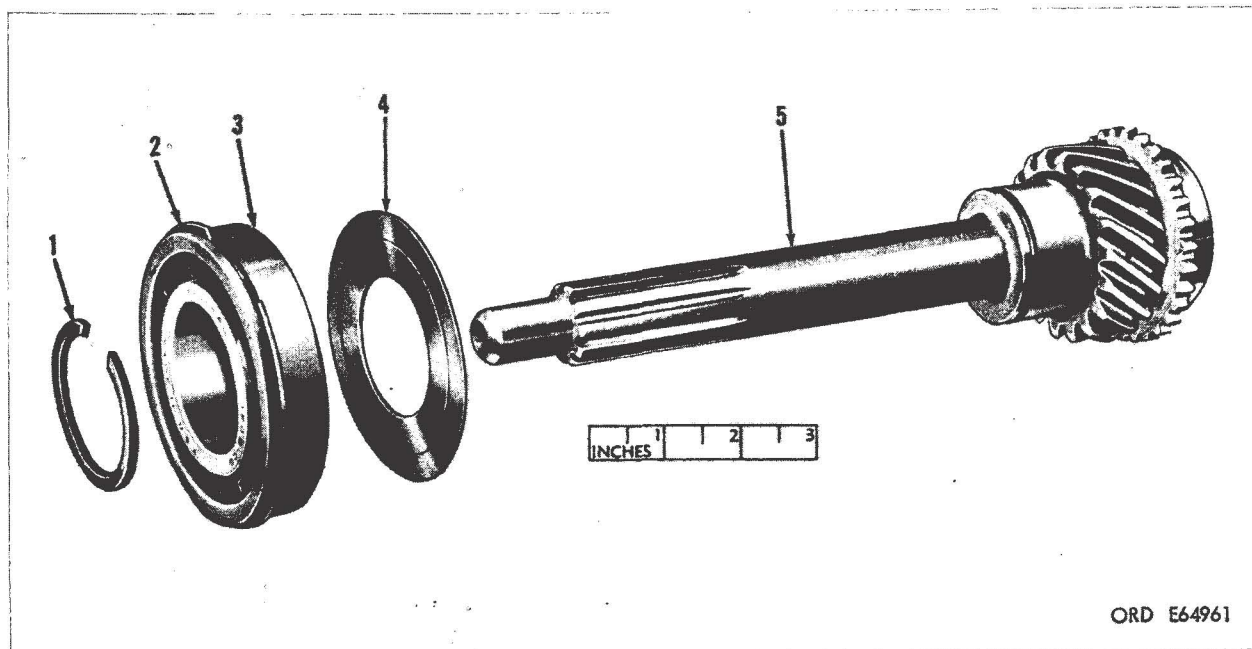


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Figure 36. Transmission shaft—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|------------------------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 07—TRANSMISSION—Continued | | | | | | | | | | | | |
| 0701—TRANSMISSION SHAFTS (fig. 36) | | | | | | | | | | | | |
| 36 | 4 | ---- | C | H | ---- | 2520-711-5827 | COLLECTOR: oil, countershaft gear (7697420) | ea | 1 | | | |
| 36 | 5 | ---- | C | H | ---- | 2520-769-7423 | GEAR: reverse idler shaft, w/bearing, assy (7697423). | ea | 1 | | | |
| 36 | 6 | ---- | C | H | ---- | 2520-769-7419 | BEARING: bushing type, reverse idler shaft (7697419). | ea | 1 | | | |
| 36 | 7 | ---- | C | H | ---- | 2520-769-7422 | GEAR: cluster, countershaft (7697422)----- | ea | 1 | | | |
| 36 | 8 | ---- | C | H | ---- | 2520-769-7547 | WASHER: thrust, countershaft cluster gear, rear (7697547). | ea | 1 | | | |
| 36 | 9 | ---- | C | H | ---- | 3120-769-7429 | WASHER: thrust, countershaft cluster gear, rear (7697429). | ea | 1 | | | |
| 36 | 10 | ---- | C | H | ---- | 5310-769-7427 | WASHER, FLAT: countershaft cluster gear bearing roller spacer (7697427). | ea | 4 | | | |
| 36 | 11 | ---- | P | H | ---- | 3110-191-0502 | ROLLER, NEEDLE BEARING: counter-shaft cluster gear bearing (712386). | ea | 88 | | | |
| 36 | 12 | ---- | C | H | ---- | 2520-737-2667 | SPACER, SLEEVE: countershaft cluster gear bearing roller (7372667). | ea | 1 | | | |
| 36 | 13 | ---- | C | H | ---- | 2520-779-7428 | WASHER: thrust countershaft cluster gear, front bronze (7697428). | ea | 1 | | | |
| 36 | 14 | ---- | C | F | ---- | 2520-769-7564 | COVER: retaining, thrust gear bearing (769-7564). | ea | 1 | | | |
| 36 | 16 | ---- | P | H | ---- | 3110-227-3464 | ROLLER BEARING: front 0.2188 dia, 0.7500 lg (712420). | ea | 14 | | | |
| 36 | 17 | ---- | C | H | ---- | 5310-737-4992 | SPACER, FLAT: rear bearing (7374992)----- | ea | 1 | | | |
| 36 | 18 | ---- | C | H | ---- | 2520-737-4991 | ADAPTER: rear bearing (7374991)----- | ea | 1 | | | |
| 36 | 19 | ---- | P | H | ---- | 3110-144-8657 | BEARING, BALL, ANNULAR: (700336)----- | ea | 1 | | | |
| 36 | 22 | ---- | C | H | ---- | 2520-769-7424 | PLATE: lock, reverse idler shaft and counter-shaft (7697424). | ea | 1 | | | |
| 36 | 24 | ---- | C | H | ---- | 2520-769-7425 | SHAFT: reverse idler (7697425)----- | ea | 1 | | | |
| 36 | 25 | ---- | C | H | ---- | 2520-769-7421 | COUNTERSHAFT: transmission (7697421)--- | ea | 1 | | | |
| 36 | 27 | ---- | P | H | ---- | 5306-057-1283 | BOLT, INTERNAL WRENCHING: oil collector (571283). | ea | 2 | | | |
| 36 | 28 | ---- | P | H | ---- | 5305-042-6892 | SCREW CAP, SOCKET HEAD: hex-socket main drive gear bearing retainer (96906-35457-51). | ea | 3 | | | |
| NONILLUSTRATED ITEM | | | | | | | | | | | | |
| | | | C | H | ---- | 2520-769-7546 | WASHER: countershaft cluster gear, rear 0.0555 thk steel (7697546). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>07—TRANSMISSION—Continued</i> | | | | | | | | | | | | |
| <i>0701—TRANSMISSION MAIN DRIVE GEAR ASSEMBLY (fig. 37)</i> | | | | | | | | | | | | |
| 37 | 1 | ---- | C | H | ---- | 5340-174-9836 | RING, RETAINING: snap, bearing, inner 0.086-0.088 thk (7697568). | ea | † | | | |
| 37 | 1 | ---- | C | H | ---- | 5340-527-6883 | RING, RETAINING: snap, inner 0.089-0.091 thk (5276883). | ea | † | | | |
| 37 | 1 | ---- | C | H | ---- | 5340-174-9854 | RING, RETAINING: snap, bearing, inner 0.092-0.004 (7697569). | ea | † | | | |
| 37 | 1 | ---- | C | H | ---- | 5340-769-7571 | RING, RETAINING: snap, bearing, inner 0.096-0.098 thk (7697571). | ea | † | | | |
| 37 | 2 | ---- | C | H | ---- | 5340-174-9838 | RING, RETAINING: snap, bearing, outer 0.0625 thk (7697567). | ea | † | | | |
| 37 | 3 | ---- | P | H | ---- | 3110-155-6701 | BEARING, BALL: mil-std-code 112-04002-0500 rad, sr, lt, loading groove, snap ring, 1.5748 bore, 3.1496 od, 0.7087 w (700763). | ea | 1 | | | |
| 37 | 4 | ---- | C | H | ---- | 2520-769-7570 | BAFFLE: oil (7697570)----- | ea | 1 | | | |
| 37 | 5 | ---- | C | H | ---- | 2520-769-7566 | SHAFT INPUT INTEGRAL: w/integral gear (7697566). | ea | 1 | | | |



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Figure 37. Transmission main drive gear, assembly—partial exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 07—TRANSMISSION—Continued | | | | | | | | | | | | |
| 0701—TRANSMISSION MAIN SHAFT ASSEMBLY (fig. 38) | | | | | | | | | | | | |
| 38 | 1 | ---- | C | H | ---- | 2520-737-4999 | SYNCHRONIZER: second and third speed w/ blocking ring, assy (7374999). | ea | 1 | | | |
| 38 | 2 | ---- | C | H | ---- | 5340-350-7525 | RING, RETAINING: snap, second and third speed synchronizer hub (7374996). | ea | 1 | | | |
| 38 | 3 | ---- | P | H | ---- | 2520-495-1917 | PLATE, SHIFTING, SYNCHRONIZING: second and high speed synchronizer (735-0113). | ea | 3 | | | |
| 38 | 4 | ---- | C | H | ---- | 2520-737-4994 | GEAR: second speed w/bearing, assy 22T, 2.970 od (7374994). | ea | 1 | | | |
| 38 | 5 | ---- | C | H | ---- | 3120-737-4993 | BEARING: bushing type, second speed gear (7374993). | ea | 1 | | | |
| 38 | 6 | ---- | C | H | ---- | 2520-737-4998 | SHAFT: main (7374998)----- | ea | 1 | | | |
| 38 | 7 | ---- | C | H | ---- | 2520-737-4995 | GEAR SPUR: sliding, first speed and reverse (7374995). | ea | 1 | | | |

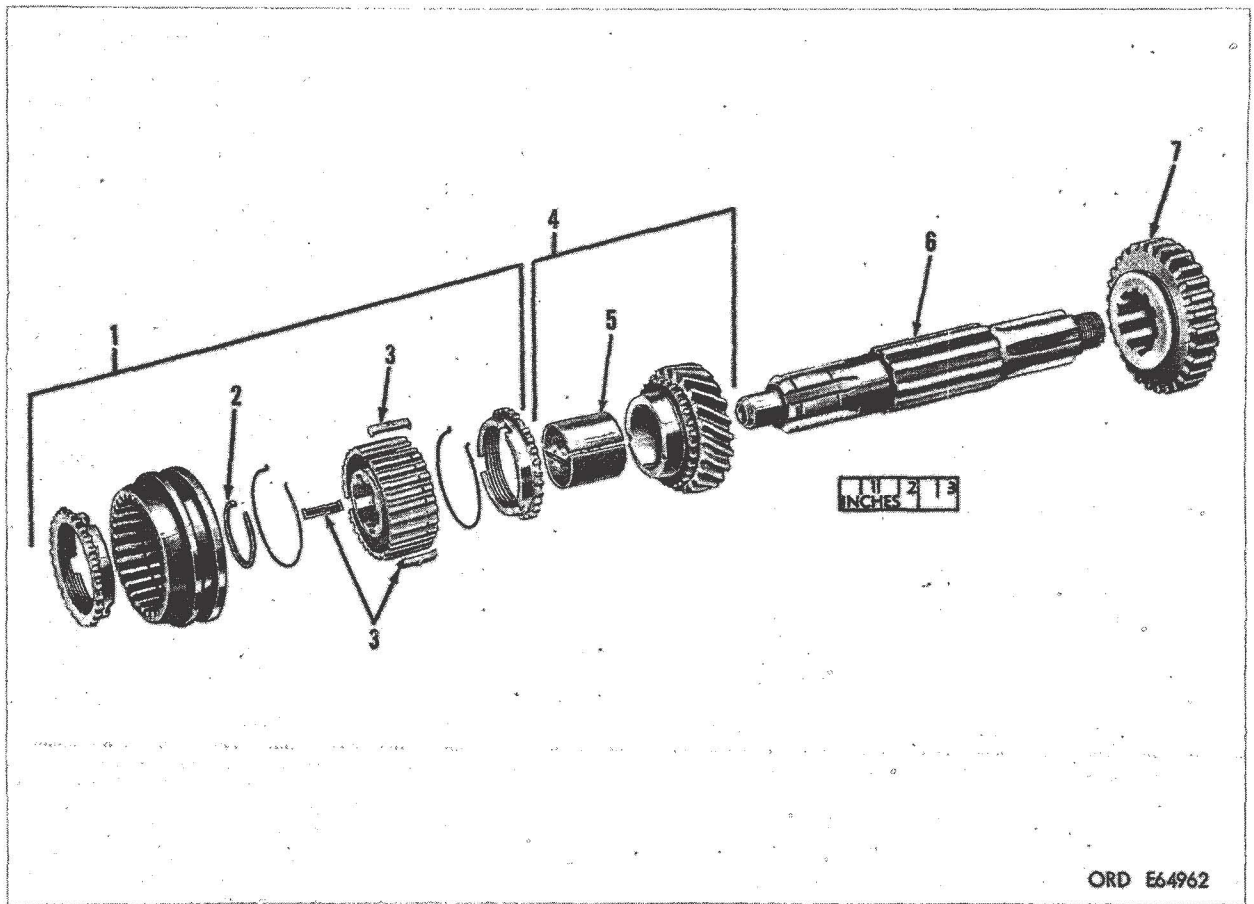


Figure 38. Transmission main shaft assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 07—TRANSMISSION—Continued | | | | | | | | | | | | |
| 0704—TRANSMISSION TOP COVER ASSEMBLY (fig. 39) | | | | | | | | | | | | |
| 39 | 1 | ---- | C | F | ---- | 2520-737-4974 | LEVER: gear shift, w/ball and pin, assy (7374974). | ea | 1 | | | |
| 39 | 2 | ---- | X2 | F | ---- | 2520-703-2624 | BALL: fulcrum, gear shift lever (7032624)----- | ea | 1 | | | |
| 39 | 3 | ---- | P | F | ---- | 5315-737-2456 | PIN, STRAIGHT HEADLESS: gear shift lever (7372456). | ea | 1 | | | |
| 39 | 6 | ---- | P | F | ---- | 2520-737-4976 | GASKET: gear shift hand lever retainer (☆☆ gasket set 2520-737-2880) (7374976). | ea | 1 | | | |
| 39 | 7 | ---- | C | F | ---- | 5310-596-0031 | WASHER: gear shift hand lever spring seat (7372448). | ea | 1 | | | |
| 39 | 8 | ---- | C | F | ---- | 2520-499-8906 | SPRING: support, gear shift hand lever (7374969). | ea | 1 | | | |
| 39 | 10 | ---- | C | F | ---- | 2520-737-4971 | SHAFT: shifter, first speed and reverse (737-4971). | ea | 1 | | | |
| 39 | 11 | ---- | P | F | ---- | 5340-050-1592 | PLUG, EXPANSION: S, 1 $\frac{1}{8}$ in., dia (shifter shaft hole) (501592). | ea | 2 | | | |
| 39 | 12 | ---- | C | F | ---- | 2520-737-4970 | SHAFT: shifter, second and third speed (7374970). | ea | 1 | | | |
| 39 | 13 | ---- | C | F | ---- | 2520-737-4972 | PLUNGER: interlock, shifter shaft (7374972)--- | ea | 1 | | | |
| 39 | 14 | ---- | C | F | ---- | 2520-499-8876 | PLUG: shifter shaft interlock hole ($\frac{3}{8}$ in.) (7374973). | ea | 1 | | | |
| 39 | 15 | ---- | C | F | ---- | 5320-737-4978 | PIN: shifter, second and high speed (7374978). | ea | 2 | | | |
| 39 | 16 | ---- | C | F | ---- | 2520-737-4980 | FORK, SHIFTER: first and reverse speed gear (7374980). | ea | 1 | | | |
| 39 | 17 | ---- | C | F | ---- | 2520-737-4979 | FORK, SHIFTER: second and third speed gear (7374979). | ea | 1 | | | |
| 39 | 19 | ---- | C | F | ---- | 5340-360-7579 | SPRING: helical, compression shifter shaft detent ball (7351052). | ea | 2 | | | |
| 39 | 20 | ---- | P | F | ---- | 4730-278-3039 | PLUG, PIPE: ck, mi, $\frac{3}{8}$ in. (shifter shaft hole) (113185). | ea | 2 | | | |
| 36 | 2 | ---- | P | F | ---- | 5305-012-0229 | SCREW, CAP HEXAGON HEAD: low-carb-S, cd- or zn-pltd, $\frac{5}{16}$ -18UNC-2A x $\frac{7}{8}$ (control cover) (120229). | ea | 6 | | | |
| 36 | 3 | ---- | C | F | ---- | 2520-703-2623 | COVER: assy (7032623)----- | ea | 1 | | | |

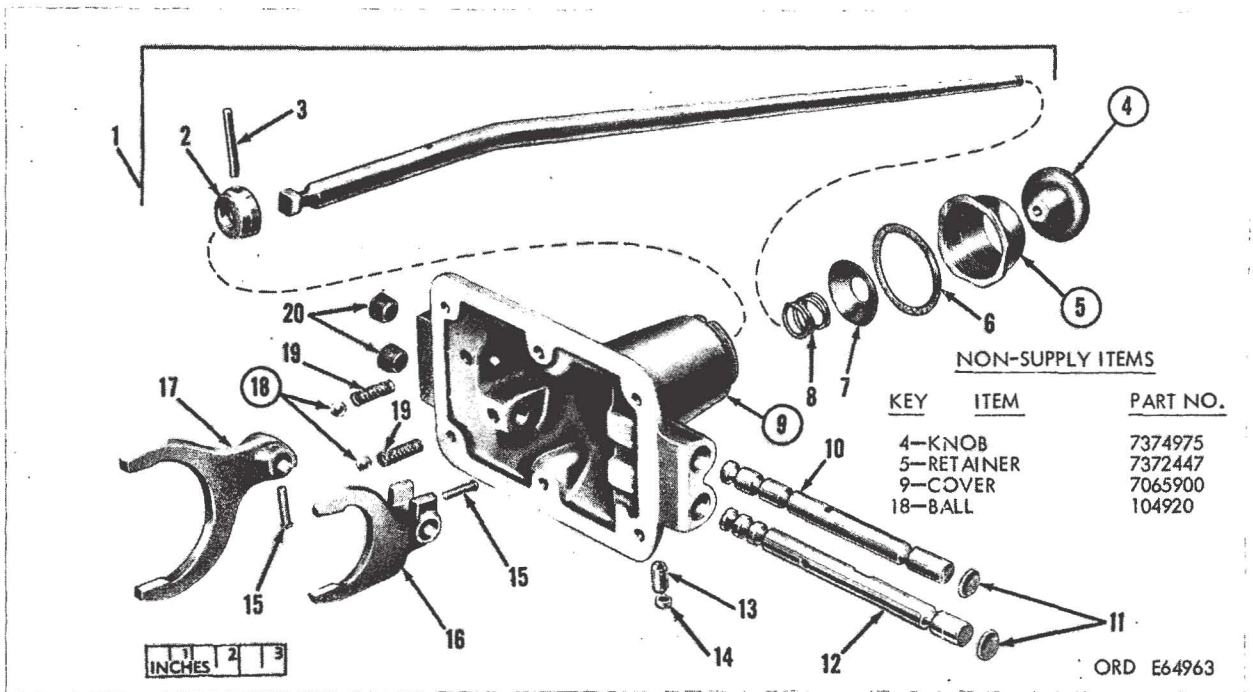
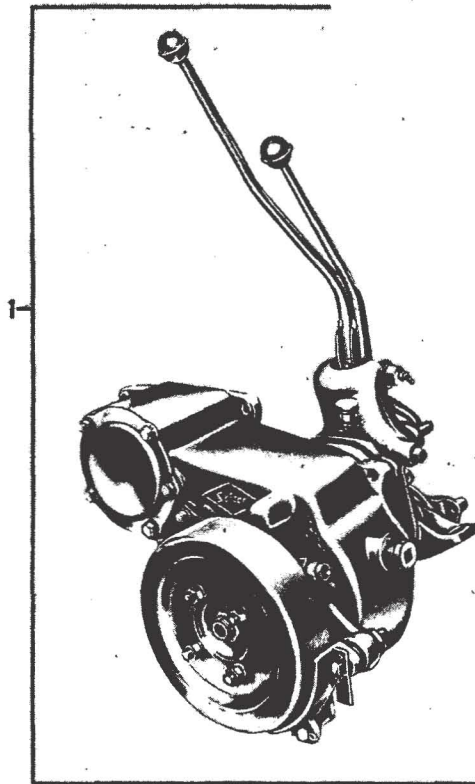


Figure 39. Transmission top cover assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 40 | 1 | ---- | P | F | R | 2520-307-8854 | 08—TRANSFER | | | | | |
| | | | P | F | ---- | 5305-012-0233 | 0800—TRANSFER ASSEMBLY (fig. 40) | | | | | |
| | | | P | F | ---- | 5305-012-2138 | TRANSFER: assy (8329993)----- | ea | 1 | | | |
| | | | P | F | ---- | 5310-012-0930 | SCREW, CAP HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 3⁄8-16UNC-ZA x 1 (120233). | ea | 1 | | | |
| | | | | | | | SCREW, CAP, HEXAGON HEAD: S, cd- or zn-pltd, 3⁄8 16UNC-2A x 1½ (122138). | ea | 4 | | | |
| | | | | | | | WASHER, LOCK: ext-teeth, S, phos-ctd, 3⁄8 screw size (120930). | ea | 5 | | | |

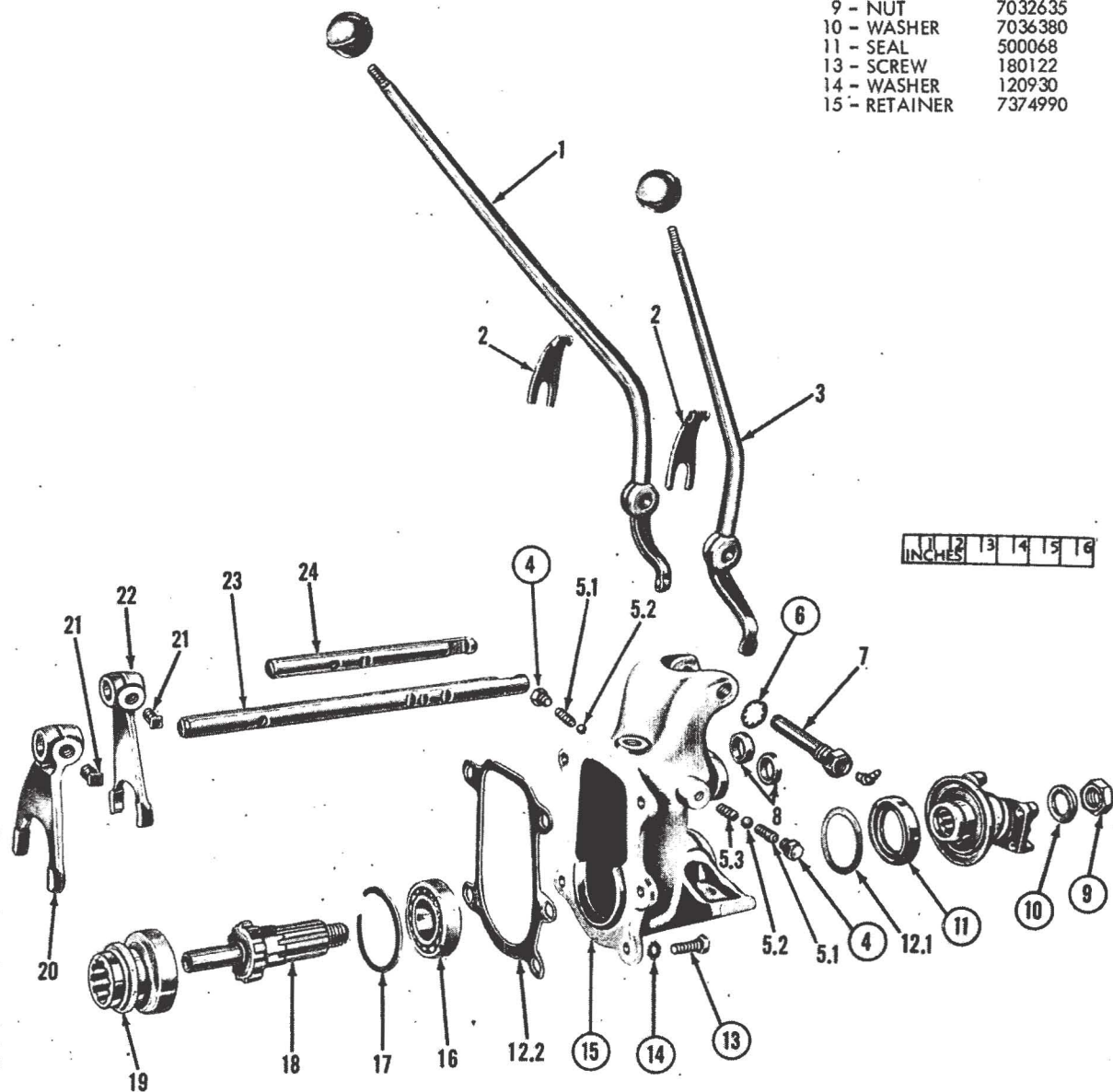


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Figure 40. Transfer assembly.

NON-SUPPLY ITEMS

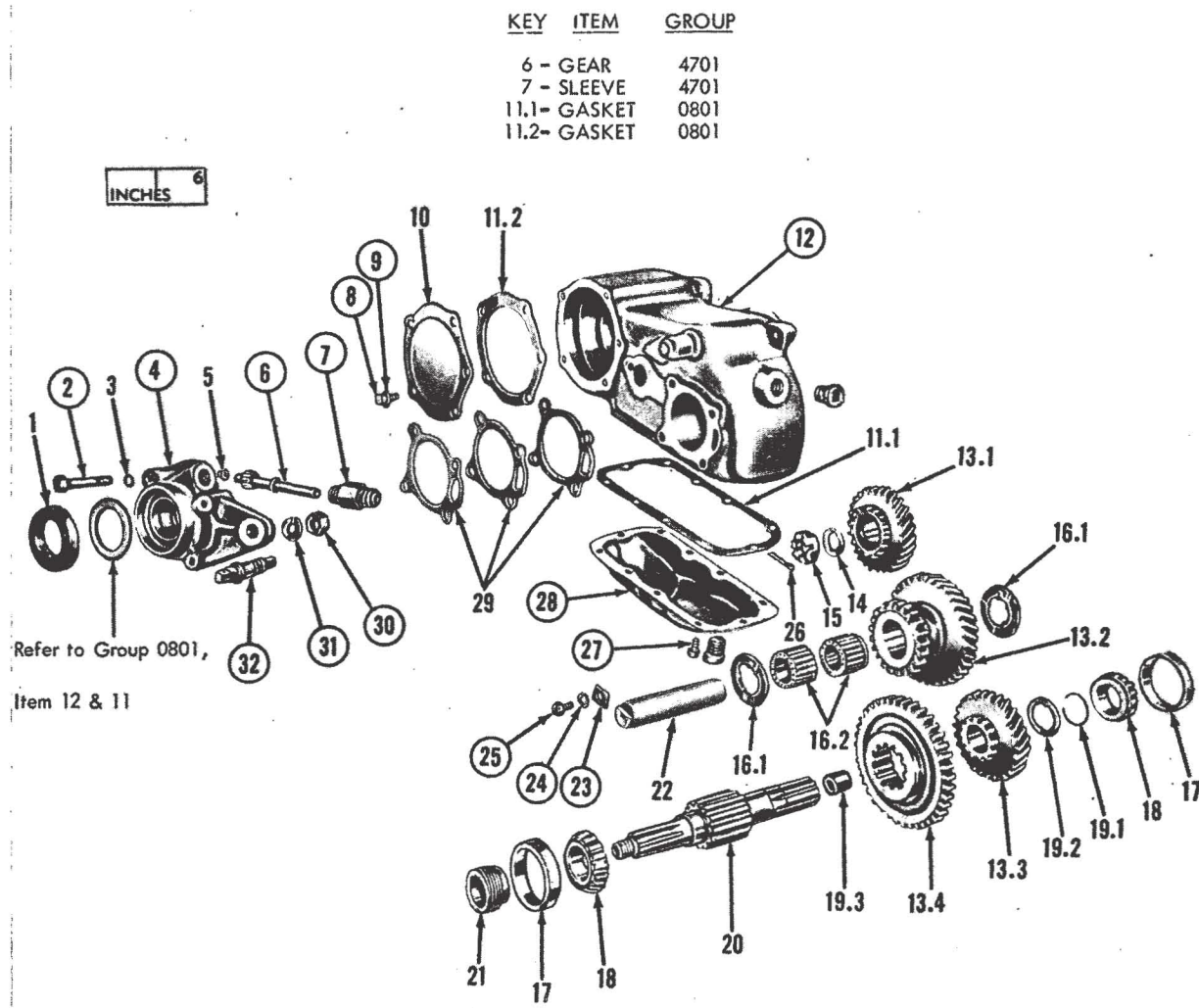
| KEY | ITEM | PART NO. |
|-----|----------|----------|
| 4 | PLUG | 7696481 |
| 6 | WASHER | 180556 |
| 9 | NUT | 7032635 |
| 10 | WASHER | 7036380 |
| 11 | SEAL | 500068 |
| 13 | SCREW | 180122 |
| 14 | WASHER | 120930 |
| 15 | RETAINER | 7374990 |



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Figure 41. Power transfer assembly—partial exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>08—TRANSFER—Continued</i> | | | | | | | | | | | | |
| <i>0801—POWER TRANSFER ASSEMBLY (fig. 41)</i> | | | | | | | | | | | | |
| 41 | 1 | --- | C | F | --- | 2520-769-7470 | LEVER: high and low range hand gear shift (7697470). | ea | 1 | | | |
| 41 | 2 | --- | C | F | --- | 5340-737-4968 | SPRING: gear shift hand lever (7374968)----- | ea | 2 | | | |
| 41 | 3 | --- | C | F | --- | 2520-737-4966 | LEVER: gear shaft (front wheel drive) (7374966). | ea | 1 | | | |
| 41 | 5 | --- | P | F | --- | 2520-629-2363 | PART KIT, SHIFTER SHAFT: (5702310)--- Composed of: | ea | † | | | |
| | 5.1 | --- | | | --- | | 2 SPRING (5214784) | | | | | |
| | 5.2 | --- | | | --- | | 2 BALL (104920) | | | | | |
| | 5.3 | --- | | | --- | | 1 INTERLOCK (7373112) | | | | | |
| 41 | 7 | --- | P | H | --- | 5315-737-4967 | PIN: pivot, gear shift hand lever (7374967)--- | ea | 1 | | | |
| 41 | 8 | --- | P | H | --- | 5330-291-2785 | SEAL: oil, type ml, 5/8 x 1.128 x 3/8 (shifter shaft) (500007). | ea | 2 | | | |
| 41, 42 | 12, 11 | --- | P | H | --- | 2520-737-5080 | GASKET SET: case (7375080)----- Composed of: | ea | † | | | |
| 41 | 12.1 | --- | | | --- | | 2 GASKET, output shaft bearing retainer oil seal, front and rear (7373157) | | | | | |
| 41 | 12.2 | --- | | | --- | | 1 GASKET, output shaft bearing retainer oil seal, front (7373156) | | | | | |
| 42 | 11.1 | --- | | | --- | | 1 GASKET, bottom cover (7375053) | | | | | |
| 42 | 11.2 | --- | | | --- | | 1 GASKET, rear cover (7373162) | | | | | |
| 41 | 16 | --- | P | H | --- | 3110-144-8526 | BEARING, BALL ANNULAR: mil-std-code 111-03002-0000 sr, rad, non-loading groove, both rings same width, ABEC 1, std fit, 30mm bore, 62mm od, 16mm w (700079). | ea | 1 | | | |
| 41 | 17 | --- | C | H | --- | 5340-737-3185 | RING, RETAINING: snap (bearing) (7373185) | ea | 1 | | | |
| 41 | 18 | --- | C | H | --- | 2520-028-3435 | SHAFT: output, front axle (8329674)----- | ea | 1 | | | |
| 41 | 19 | --- | C | H | --- | 2520-495-7097 | GEAR: clutch (7371212)----- | ea | 1 | | | |
| 41 | 20 | --- | C | H | --- | 2520-495-7099 | FORK: shifter (rear axle output shaft sliding gear) (7373116). | ea | 1 | | | |
| 41 | 21 | --- | C | H | --- | 5305-272-6224 | SCREW: set, S, 3/8-24NF x 0.72 (5214776)---- | ea | 2 | | | |
| 41 | 22 | --- | C | H | --- | 2520-495-7100 | FORK: shifter front axle output shaft clutch gear (7373117). | ea | 1 | | | |
| 41 | 23 | --- | C | H | --- | 2520-737-3119 | SHAFT: shifter (rear axle output shaft sliding gear shifter fork) (7373119). | ea | 1 | | | |
| 41 | 24 | --- | C | H | --- | 2520-495-7101 | SHAFT: shifter (front axle output shaft clutch gear shifter fork) (7373118). | ea | 1 | | | |
| <i>NONILLUSTRATED ITEM</i> | | | | | | | | | | | | |
| | | | P | F | --- | 5330-593-6464 | FELT, MECHANICAL, PREFORMED (8331793). | ea | 1 | | | |



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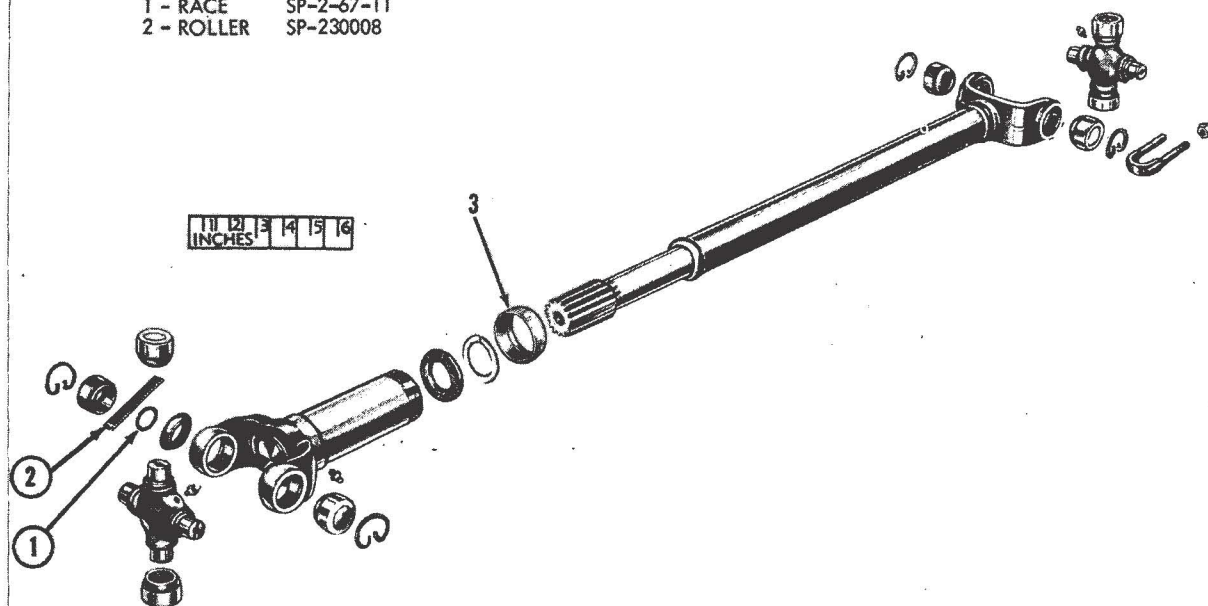
Figure 42. Transfer front bearing retainer and shifter shafts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>08—TRANSFER—Continued</i> | | | | | | | | | | | | |
| <i>0803—TRANSFER FRONT BEARING RETAINER AND SHIFTER SHAFTS (fig. 42)</i> | | | | | | | | | | | | |
| 42 | 1 | ---- | P | H | ---- | 5330-752-7862 | SEAL, PLAIN, ENCASED: S, or semi-rigid nonmetallic case, spring-loaded sealing member, 1 $\frac{9}{16}$ shaft dia, 2 $\frac{1}{2}$ bore dia, $\frac{1}{2}$ w (front) (500068). | ea | 1 | | | |
| 42 | 5 | ---- | C | H | ---- | 2520-516-7516 | BEARING: bushing type (speedometer drive gear) (5167516). | ea | 1 | | | |
| 42 | 9 | ---- | P | F | ---- | 5310-012-0930 | WASHER, LOCK: ext-teeth, S, phos-ctd, $\frac{3}{8}$ screw size (rear cover) (96906-35335-49). | ea | 5 | | | |
| 42 | 10 | ---- | C | F | ---- | 2520-736-9850 | COVER: transfer case (rear) (7369850)----- | ea | 1 | | | |
| 42 | 13 | ---- | P | F | ---- | 2520-629-2364 | GEAR SET, TRANSFER TRANSMISSION: (5702311). Composed of: 1 GEAR (7375132) 1 GEAR (7375134) 1 GEAR (7697467) 1 GEAR (7697468) | ea | † | | | |
| | 13.1 | ---- | | | ---- | | | | | | | |
| | 13.2 | ---- | | | ---- | | | | | | | |
| | 13.3 | ---- | | | ---- | 2520-769-7467 | 1 GEAR (7697467) | | | | | |
| | 13.4 | ---- | | | ---- | | 1 GEAR (7697468) | | | | | |
| 42 | 14 | ---- | C | H | ---- | 5310-360-8171 | WASHER, FLAT: plain, $\frac{29}{32}$ id x 1 $\frac{1}{16}$ od x $\frac{3}{32}$ thk (drive gear) (7375131). | ea | 1 | | | |
| 42 | 15 | ---- | C | H | ---- | 5310-275-3460 | NUT, CASTELLATED, HEXAGON: transfer input shaft gear (7743652). | ea | 1 | | | |
| 42 | 16 | ---- | CP | H | ---- | 2520-629-2362 | PARTS, KIT, COUNTERSHAFT: (5702309). Composed of: 2 BEARING (708234) 2 WASHER (7375135) | ea | † | | | |
| | 16.1 | ---- | | | ---- | | | | | | | |
| | 16.2 | ---- | | | ---- | | | | | | | |
| 42 | 17 | ---- | P | H | ---- | 3110-100-0516 | CUP, TAPERED ROLLER BEARING: mil-std-code 711-14276-1000 sr, 2.7170 od, 0.6250 w (706821). | ea | 2 | | | |
| 42 | 18 | ---- | P | H | ---- | 3110-100-3146 | CONE, TAPERED ROLLER BEARING: mil-std-code 711-14131-3000 includes rollers and gage, sr, 1.3125 bore, 0.7710 w (rear axle output shaft) (705399). | ea | 2 | | | |
| 42 | 19 | ---- | P | H | ---- | 2520-629-2361 | PARTS, KIT, BEARING, OUTPUT SHAFT: (5702308). Composed of: 1 RING (7373165) 1 WASHER (7371204) 1 BEARING (7373115) | ea | † | | | |
| | 19.1 | ---- | | | ---- | | | | | | | |
| | 19.2 | ---- | | | ---- | | | | | | | |
| | 19.3 | ---- | | | ---- | | | | | | | |
| 42 | 20 | ---- | C | H | ---- | 2520-040-2482 | SHAFT: output, rear axle, w/bearing, nut and washer, assy (8328479). | ea | 1 | | | |
| 42 | 21 | ---- | C | H | ---- | 2520-737-3166 | GEAR: speedometer (drive) (7373166)----- | ea | 1 | | | |
| 42 | 22 | ---- | C | H | ---- | 2520-737-5133 | COUNTERSHAFT: transfer (7375133)----- | ea | 1 | | | |
| 42 | 26 | ---- | P | H | ---- | 5315-012-0123 | PIN, COTTER: S, cd- or zn-pltd, $\frac{1}{8}$ x 1 $\frac{1}{4}$ (drive gear) (120123). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---|-----------------|--|---------------|--------------------------|-----------------------|-------------------|---|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| <p style="text-align: center;"><i>08—TRANSFER—Continued</i></p> <p style="text-align: center;"><i>0803—TRANSFER FRONT BEARING RETAINER AND SHIFTER SHAFTS (fig. 42)—Continued</i></p> | | | | | | | | | | | | |
| 42 | 29 | ---- | C | H | ---- | 2520-737-1591 | SHIM SET: rear bearing retainer (7371591)--- Composed of: 4 SHIM, 0.003 (7373158) 4 SHIM, 0.010 (7373159) 4 SHIM, 0.031 (7373160) | ea | ‡ | | | |
| <p style="text-align: center;"><i>09—PROPELLER AND PROPELLER SHAFTS</i></p> <p style="text-align: center;"><i>0900—FRONT PROPELLER SHAFT AND RELATED PARTS (fig. 43)</i></p> | | | | | | | | | | | | |
| 43 | 3 | ---- | C | F | ---- | 2520-769-7608 | CAP: dust (universal joint sleeve yoke) (769-7608). | ea | 2 | | | |

NON-SUPPLY ITEMS

| KEY | ITEM | PART NO. |
|-----|--------|------------|
| 1 | RACE | SP-2-67-11 |
| 2 | ROLLER | SP-230008 |



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Figure 43. Front propeller shaft and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 10—FRONT AXLE | | | | | |
| | | | | | | | 1000—FRONT AXLE ASSEMBLY (fig. 44) | | | | | |
| 44 | 1 | ---- | P | F | R | 2520-040-2595 | AXLE: w/brakes, drum and hub assy (832-9992). | ea | 1 | | | |
| 44 | 2 | ---- | C | F | ---- | 2520-737-2842 | COVER: gear carrier housing (7372842)----- | ea | 1 | | | |

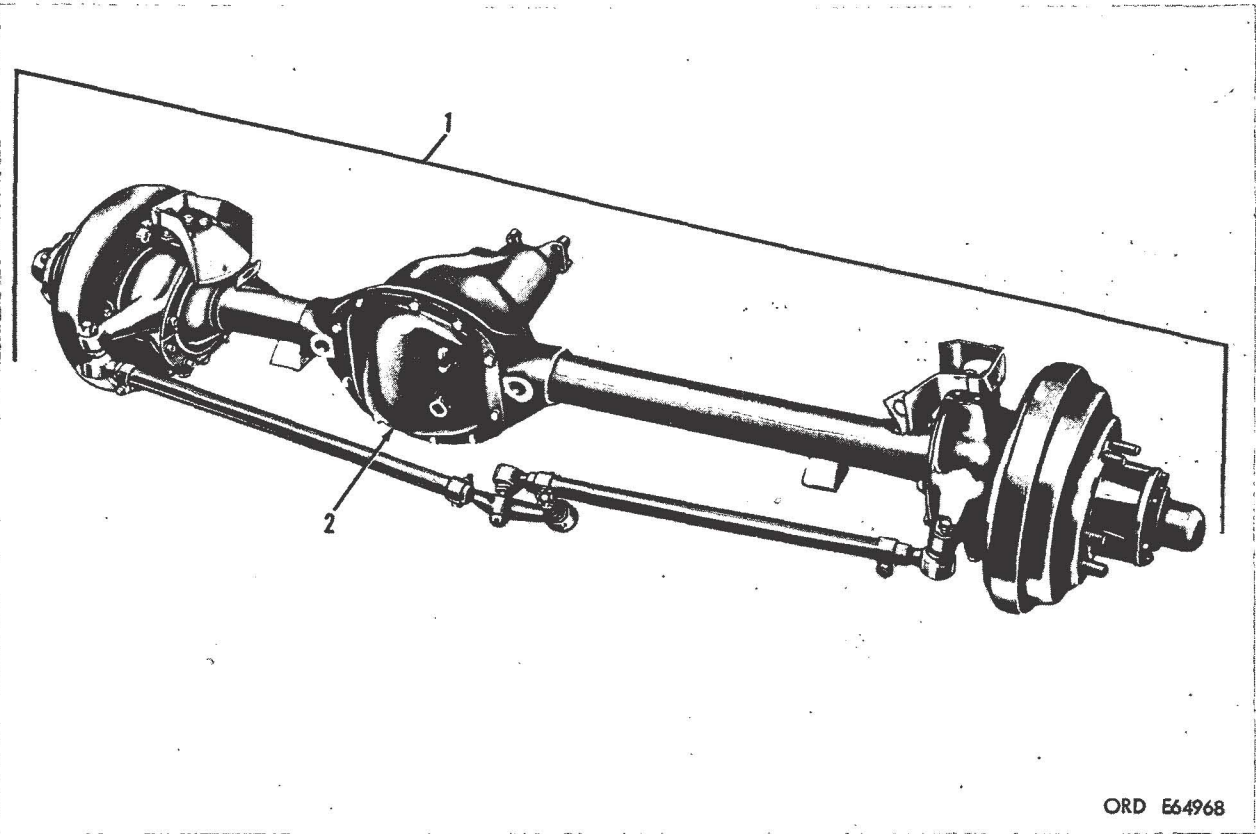


Figure 44. Front axle assembly.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 10—FRONT AXLE—Continued | | | | | | | | | | | | |
| 1002—FRONT AXLE DIFFERENTIAL AND RELATED PARTS (fig. 45) | | | | | | | | | | | | |
| 45 | 2 | ---- | P | F | ---- | 5330-291-2790 | SEAL: oil, type mw, 1 $\frac{1}{16}$ x 2.004 x $\frac{1}{4}$ shaft, inner (500030). | ea | 2 | | | |
| 45 | 3 | ---- | P | H | ---- | 3110-100-0543 | CUP, TAPERED ROLLER BEARING: mil-std-code 711-24721-1000 sr, 3.0000 od, 0.8125 w case (706849). | ea | 2 | | | |
| 45 | 4 | ---- | P | H | ---- | 3110-100-3537 | CONE, TAPERED ROLLER BEARING: mil-std-code 711-24780-3000 (includes rollers and cage), sr, 1.6250 bore, 0.9063 w case (705438). | ea | 2 | | | |
| 45 | 5 | ---- | C | F | ---- | 2520-737-1440 | SHIM SET: case bearing (7371440)----- Composed of: 2 SHIM 0.003 (7372843) 2 SHIM 0.005 (7372844) 3 SHIM 0.010 (7372845) 3 SHIM 0.030 (7372846) | ea | † | | | |
| 45 | 6 | ---- | C | H | ---- | 2520-703-2627 | KIT: repair, bevel gear and pinion (7032627)--- Composed of: 1 GEAR SET, bevel gear pinion (formate type) (8677076). | ea | 1 | | | |
| 45 | 6.1 | ---- | | | ---- | | 4 PLATE, bevel gear screw (7372857) | | | | | |
| 45 | 6.2 | ---- | | | ---- | 2534-737-2857 | 8 SCREW, bevel gear (7372863) | | | | | |
| 45 | 7 | ---- | P | H | ---- | 3110-227-3079 | CONE, TAPERED ROLLER BEARING: type ts, 1.375 bore, 1.125 w (bevel pinion, inner) (8329852). | ea | 1 | | | |
| 45 | 8 | ---- | P | H | ---- | 3110-100-0571 | CUP, TAPERED ROLLER BEARING: mil-std-code 711-31520-1000 sr, 3.0000 od, 0.9375 w (bevel pinion, inner) (706877). | ea | 1 | | | |
| 45 | 9 | ---- | P | F | ---- | 2520-737-1439 | SHIM SET: bevel pinion (7371439)----- Composed of: 2 SHIM, INNER 0.003 (7372847) 2 SHIM, INNER 0.005 (7372848) 2 SHIM, INNER 0.010 (7372849) 2 SHIM, OUTER 0.003 (7372850) 2 SHIM, OUTER 0.005 (7372851) 2 SHIM, OUTER 0.010 (7372852) 1 SHIM, OUTER 0.030 (7372853) | ea | † | | | |
| 45 | 10 | ---- | P | H | ---- | 3110-100-0634 | CUP, TAPERED ROLLER BEARING: mil-std-code 719-02820-1000 sr, 2.8750 od, 0.0675 w (bevel pinion, outer) (707063). | ea | 1 | | | |
| 45 | 11 | ---- | P | H | ---- | 3110-100-3690 | CONE, TAPERED ROLLER BEARING: mil-std-code 719-02872-3000 (includes rollers and cage) sr, 1.1250 bore, 0.8750 w (bevel pinion, outer) (705271). | ea | 1 | | | |
| 45 | 12 | ---- | C | F | ---- | 5310-769-6512 | SLINGER: oil, bevel pinion bearing (7696512) | ea | 1 | | | |

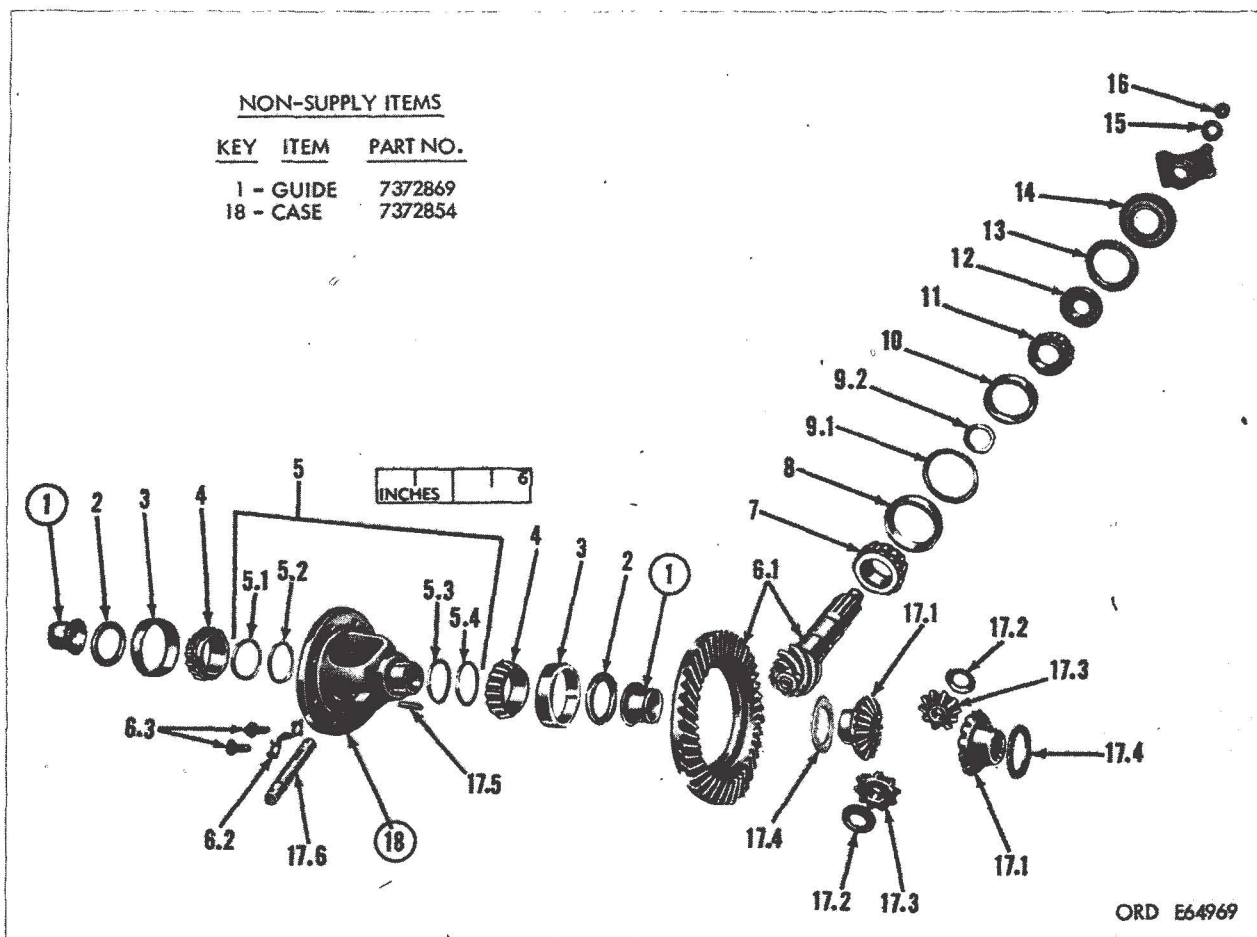


Figure 45. Front axle differential and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>10—FRONT AXLE—Continued</i> | | | | | |
| | | | | | | | <i>1002—FRONT AXLE DIFFERENTIAL AND RELATED PARTS (fig. 45)</i> | | | | | |
| | | | | | | | —Continued | | | | | |
| 45 | 13 | ---- | C | F | ---- | 5330-737-2855 | GASKET: bevel pinion oil seal (7372855)----- | ea | 1 | | | |
| 45 | 14 | ---- | P | F | ---- | 5330-291-2797 | SEAL: oil, type mls, 1 $\frac{1}{16}$ x 3.165 x 1 $\frac{1}{32}$ (bevel pinion) (500071). | ea | 1 | | | |
| 45 | 15 | ---- | P | F | ---- | 5310-022-1442 | WASHER, FLAT: corr-res-S, pass-fin., 1 $\frac{3}{16}$ id, 1 $\frac{1}{2}$ od, 0.134 thk (outer shaft) (221442). | ea | 2 | | | |
| 45 | 16 | ---- | P | H | ---- | 5310-703-2635 | NUT, SELF-LOCKING, HEXAGON: S, plain fin., huglock type, $\frac{3}{4}$ -16UNF-2B, 1 $\frac{1}{8}$ in.-w, $\frac{9}{16}$ in. thk (bevel pinion) (7032635). | ea | 1 | | | |
| 45 | 17 | ---- | C | H | ---- | 2520-737-1441 | KIT: repair, differential (7371441)----- | ea | 1 | | | |
| 45 | 17.1 | ---- | | | ---- | | Composed of: | | | | | |
| 45 | 17.2 | ---- | | | ---- | | 2 GEAR, PINION (8677288) | | | | | |
| 45 | 17.3 | ---- | | | ---- | | 2 WASHER, THRUST, SIDE GEAR (7373146) | | | | | |
| 45 | 17.4 | ---- | | | ---- | | 2 GEAR, SIDE (8677287) | | | | | |
| 45 | 17.5 | ---- | | | ---- | | 2 WASHER, THRUST, PINION (737-1102) | | | | | |
| 45 | 17.6 | ---- | | | ---- | | 1 PIN, LOCK, PINION SHAFT (737-2858) | | | | | |
| 45 | 17.6 | ---- | | | ---- | | 1 SHAFT, PINION (7372856) | | | | | |
| | | | | | | | <i>NONILLUSTRATED ITEM</i> | | | | | |
| | | | C | F | ---- | 2520-495-9585 | SPACER: bevel pinion bearing (7371101)----- | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>10—FRONT AXLE—Continued</i> | | | | | | | | | | | | |
| <i>1004—STEERING KNUCKLE AND UNIVERSAL JOINT (fig. 46)</i> | | | | | | | | | | | | |
| 46 | 2 | ---- | C | F | ---- | 2530-737-1108 | CAP: w/king pin and lock pin, assy (7371108) | ea | 4 | | | |
| 46 | 4 | ---- | P | F | ---- | 5305-576-6987 | SCREW, CAP, HEXAGON: med-carb S, cd- or zn-pltd, $\frac{3}{8}$ -24UNF-2A x $1\frac{1}{2}$ (181643). | ea | 16 | | | |
| 46 | 9 | ---- | P | F | ---- | 3110-100-3132 | CONE, TAPERED ROLLER BEARING: mil-std-code 711-11590-3000 (includes rollers and cage) sr, steep angle, 0.6250 bore, 0.5625 w cap (705381). | ea | 4 | | | |
| 46 | 10 | ---- | P | F | ---- | 3110-100-0509 | CUP, TAPERED ROLLER BEARING: mil-std-code 711-11520-1000 sr, steep angle, 1.6875 od, 0.3750 w cap (706813). | ea | 4 | | | |
| 46 | 11 | ---- | C | F | ---- | 3120-288-2911 | WASHER: thrust, shaft to housing (7372870) | ea | 2 | | | |
| 46 | 12 | ---- | C | F | ---- | 2530-040-2460 | FLANGE: steering knuckle (right, w/arm assy) (8328398). | ea | 1 | | | |
| 46 | 12 | ---- | C | F | ---- | 2530-040-2459 | FLANGE: steering knuckle, left, w/arm, assy (8328397). | ea | 1 | | | |
| 46 | 13 | ---- | C | F | ---- | 3120-737-5045 | BEARING: bushing type, spindle (7375045) | ea | 2 | | | |
| 46 | 15 | ---- | C | F | ---- | 2530-737-5048 | SPINDLE: w/bearing, assy (7375048) | ea | 2 | | | |
| <i>NONILLUSTRATED ITEMS</i> | | | | | | | | | | | | |
| | | | C | F | ---- | 5315-292-4752 | PIN: universal joint center ball (7348762) | ea | 2 | | | |
| | | | P | F | ---- | 5330-291-2791 | SEAL: oil, type mw, $1\frac{1}{4}$ x 1.756 x $\frac{1}{4}$ (shaft, outer) (500034). | ea | 2 | | | |

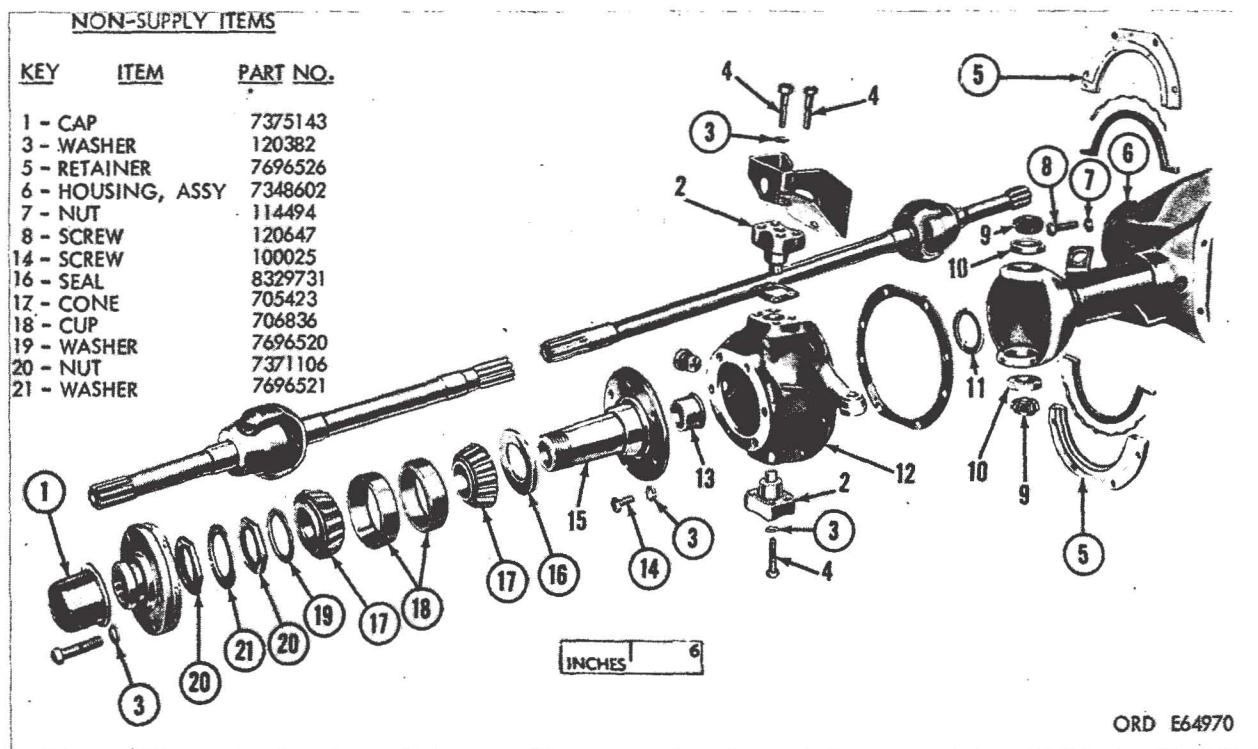
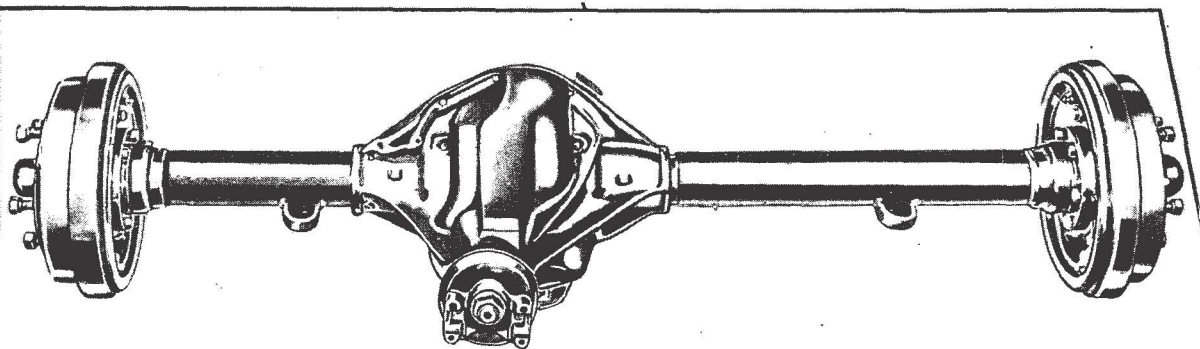


Figure 46. Steering knuckle and universal joint—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 47 | 1 | ---- | P | F | R | 2520-096-6921 | 11-REAR AXLE 1100-REAR AXLE ASSEMBLY (fig. 47) AXLE: rear, w/brake, drum, and hub, assy (8329854). | ea | 1 | | | |
| | | | P | F | ---- | 2530-040-2612 | NONILLUSTRATED ITEMS COVER: w/baffle, assy (8332058)----- | ea | 1 | | | |
| | | | C | F | ---- | 2520-703-2629 | GASKET: housing cover (7032629)----- | ea | 1 | | | |
| | | | | | | | | | | | | |



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Figure 47. Rear axle assembly.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---|-----------------|--|---------------|--------------------------|-----------------------|-------------------|--|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| 11—REAR AXLE—Continued | | | | | | | | | | | | |
| 1102—REAR AXLE DIFFERENTIAL AND RELATED PARTS (fig. 48) | | | | | | | | | | | | |
| 48 | 1 | --- | P | H | --- | 3110-100-0547 | CUP, TAPERED ROLLER BEARING: mil-std-code 711-25523-1000 sr, 3.2650 od, 0.8730 w/case (706853). | ea | 2 | | | |
| 48 | 2 | --- | P | H | --- | 3110-100-3539 | CONE, TAPERED ROLLER BEARING: mil-std-code 711-25577-3000 includes rollers and cage, sr, 1.6880 bore, 1.0000 w/case (705440). | ea | 2 | | | |
| 48 | 3 | --- | C | F | --- | 2520-737-1440 | SHIM SET: case bearing (7371440)----- Composed of: 2 SHIM 0.003 (7372843) 2 SHIM 0.005 (7372844) 3 SHIM 00.010 (7372845) 3 SHIM 0.030 (7372846) | ea | 1 | | | |
| 48 | 4 | --- | C | H | --- | 2520-734-8607 | PARTS KIT, DIFFERENTIAL: repair, bevel gear and drive pinion (7348607). Composed of: 1 GEAR AND PINION SET MATCHED (7032630) 5 PLATE, LOCK BEVEL GEAR SCREW (7032631) 10 SCREW, BEVEL GEAR (7372863) | ea | 1 | | | |
| 48 | 5 | --- | P | H | --- | 3110-227-3079 | CONE, TAPERED, ROLLER BEARING: type ts, 1.375 bore, 1.125 w bevel pinion, inner (8329853). | ea | 1 | | | |
| 48 | 6 | --- | P | H | --- | 3110-100-0571 | CUP, TAPERED, ROLLER BEARING: mil-std-code 711-31520-1000 sr, 3.000 od, 0.9375 w/drive pinion, inner (706877). | ea | 1 | | | |
| 48 | 7 | --- | C | F | --- | 2520-737-1439 | SHIM SET: drive pinion bearing (7371439)--- Composed of: 2 SHIM, INNER 0.003 (7372847) 2 SHIM, INNER 0.005 (7372848) 1 SHIM, INNER 0.010 (7372849) 2 SHIM, OUTER 0.003 (7372850) 2 SHIM, OUTER 0.005 (7372851) 2 SHIM, OUTER 0.010 (7372852) 1 SHIM, OUTER 0.030 (7372853) | ea | 1 | | | |
| 48 | 8 | --- | P | H | --- | 3110-100-0634 | CUP, TAPERED ROLLER BEARING: mil-std-code 719-02820-1000 sr, 2.8750 od, 0.6875 w/drive pinion, outer (707063). | ea | 1 | | | |
| 48 | 9 | --- | P | H | --- | 3110-100-3690 | CONE, TAPERED ROLLER BEARING: mil-std-code 719-02872-3000 includes rollers and cage, sr, 1.1250 bore, 0.8750 w/drive pinion, outer (705271). | ea | 1 | | | |

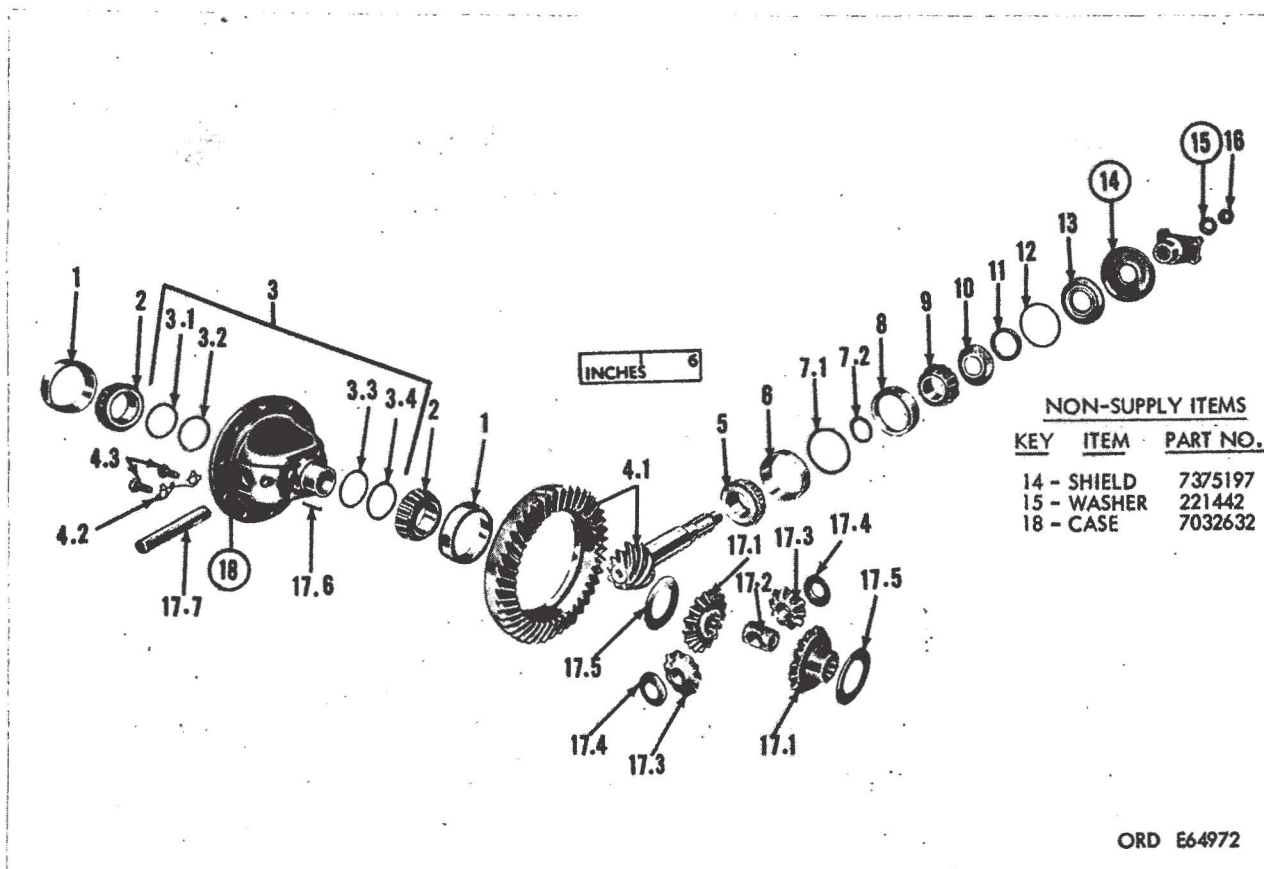


Figure 48. Rear axle differential and related parts—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>11—REAR AXLE—Continued</i> | | | | | |
| | | | | | | | <i>1102—REAR AXLE DIFFERENTIAL AND RELATED PARTS (fig. 48)</i> | | | | | |
| | | | | | | | —Continued | | | | | |
| 48 | 10 | ---- | C | F | ---- | 2520-703-2633 | SLINGER: oil, drive pinion (7032633)----- | ea | 1 | | | |
| 48 | 11 | ---- | C | F | ---- | 5330-703-2634 | PACKING, PREFORMED: oil rear axle bevel pinion left (7032634). | ea | 1 | | | |
| 48 | 12 | ---- | C | F | ---- | 5330-737-2855 | GASKET: drive pinion oil seal (7372855)----- | ea | 1 | | | |
| 48 | 13 | ---- | P | F | ---- | 5330-291-2797 | SEAL: oil, type mls, 1 $\frac{1}{16}$ x 3.165 x 1 $\frac{15}{32}$ drive pinion (500071). | ea | 1 | | | |
| 48 | 16 | ---- | P | H | ---- | 5310-703-2635 | NUT, SELF-LOCKING, HEXAGON: S, plain fin., huglock type $\frac{3}{4}$ -16UNF-2B, 1 $\frac{1}{8}$ in. w, $\frac{1}{16}$ in. thk bevel pinion (7032635). | ea | 1 | | | |
| 48 | 17 | ---- | C | F | ---- | 2520-737-5199 | PARTS KIT: repair (7375199)----- | ea | 1 | | | |
| | | | | | | | Composed of: | | | | | |
| 48 | 17.1 | ---- | | | ---- | ----- | 2 PINION (8677295) | | | | | |
| 48 | 17.2 | ---- | | | ---- | ----- | 1 BLOCK (7375196) | | | | | |
| 48 | 17.3 | ---- | | | ---- | ----- | 2 GEAR (8677294) | | | | | |
| 48 | 17.4 | ---- | | | ---- | ----- | 2 WASHER, THRUST, SIDE GEAR (65909-645789) | | | | | |
| 48 | 17.5 | ---- | | | ---- | ----- | 2 WASHER, THRUST, PINION (65909-645790) | | | | | |
| 48 | 17.6 | ---- | | | ---- | ----- | 1 PIN (7372858) | | | | | |
| 48 | 17.7 | ---- | | | ---- | ----- | 1 SHAFT, PINION (65909-636553) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>12—BRAKES</i> | | | | | |
| | | | | | | | <i>1201—HANDBRAKE AND RELATED PARTS (fig. 49)</i> | | | | | |
| 49 | 6 | --- | C | F | --- | 2530-318-1037 | LINING SET: w/rivets (8329633)----- Composed of: 1 LINING, OUTER (806035) 1 LINING, INNER (806034) 14 RIVET (119477) | ea | 1 | | | |
| | 6.1 | --- | | | --- | --- | | | | | | |
| | 6.2 | --- | | | --- | --- | | | | | | |
| | 6.3 | --- | | | --- | --- | | | | | | |
| 49 | 8 | --- | C | H | --- | 5306-274-0966 | BOLT: (7324918)----- | ea | 4 | | | |
| 49 | 9 | --- | C | H | --- | 2530-278-2236 | DRUM: handbrake (8329632)----- | ea | 1 | | | |
| 49 | 11 | --- | P | H | --- | 5310-637-9541 | WASHER, LOCK: split, med, S, cd- or zn-pltd, 3/8 screw size (120382). | ea | 4 | | | |
| 49 | 12 | --- | P | H | --- | 5310-543-5653 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 3/8-24UNF-2B, 5/16 in. w, 2 1/4 in. thk (120369). | ea | 4 | | | |

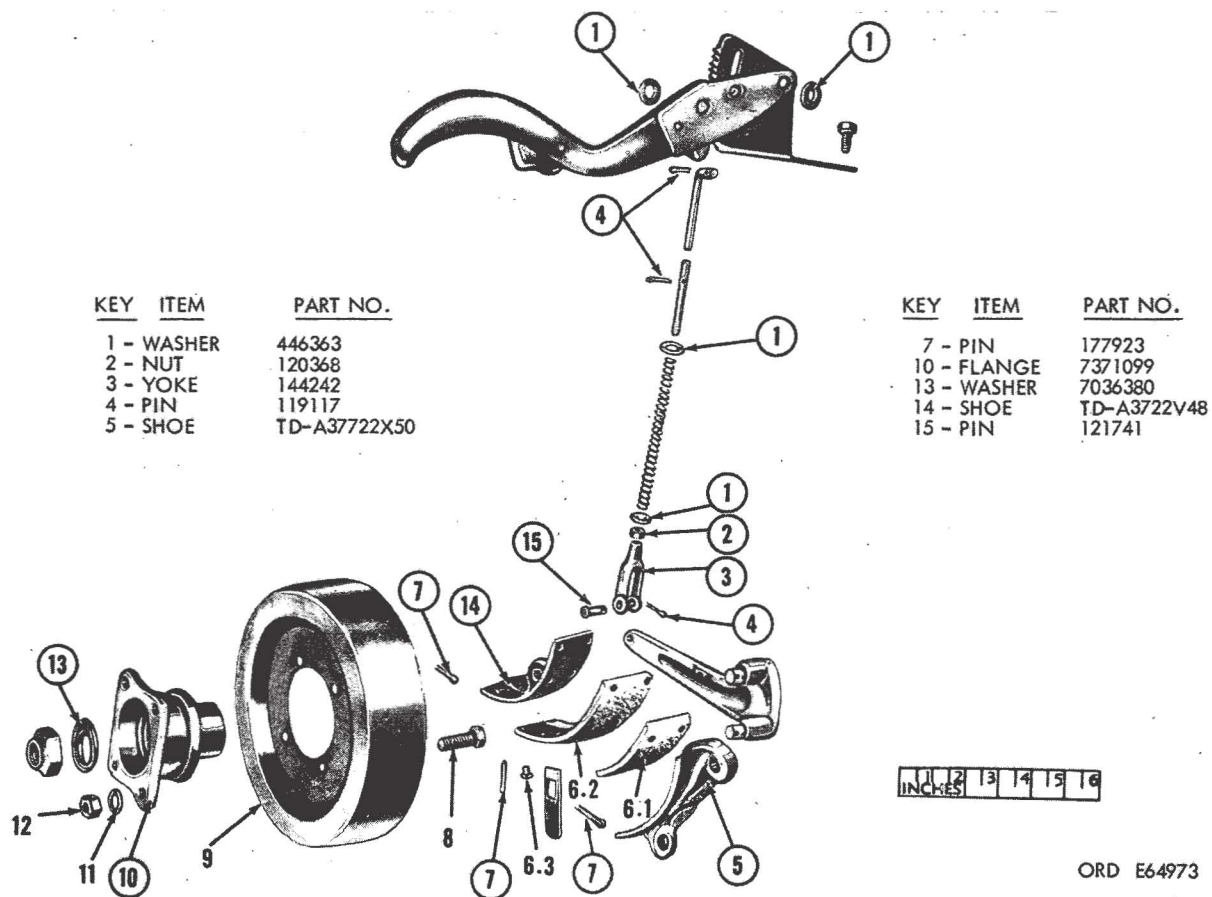


Figure 49. Handbrake and related parts—exploded view.

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| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>12—BRAKES—Continued</i> | | | | | |
| | | | | | | | <i>1202—SERVICE BRAKE ASSEMBLY (fig. 50)</i> | | | | | |
| 50 | 2 | ---- | P | F | ---- | 2530-274-4443 | BRAKE LINING SET: shoe (540242) (for 2 wheels). | ea | 2 | | | |
| 50 | 4 | ---- | C | H | ---- | 2530-040-2498 | PLATE: backing, assy (8329609)----- | ea | 2 | | | |
| | | | | | | | <i>NONILLUSTRATED ITEM</i> | | | | | |
| | | | C | F | ---- | 2530-495-9595 | SLINGER: grease (rear brake) (7697464)----- | ea | 2 | | | |

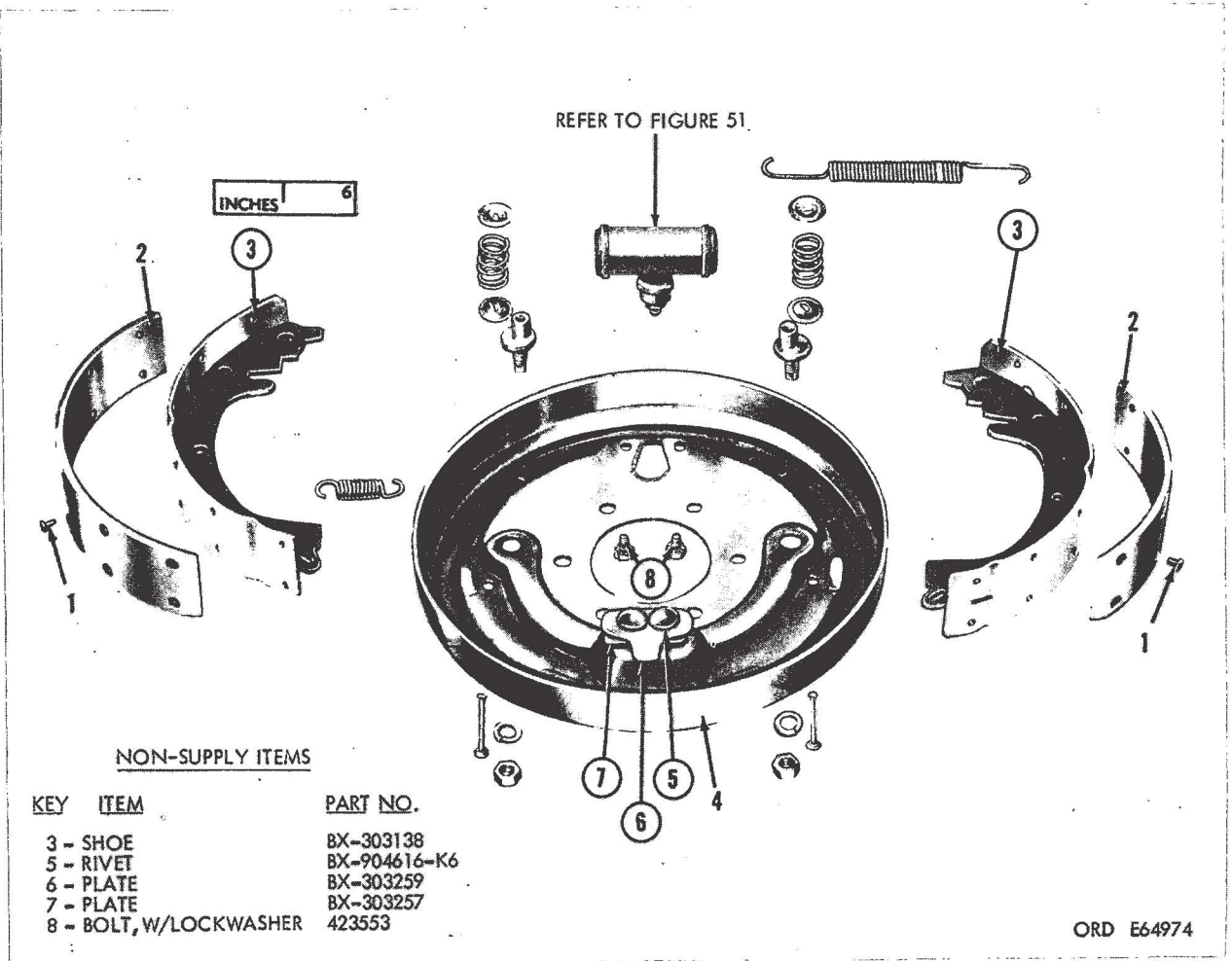
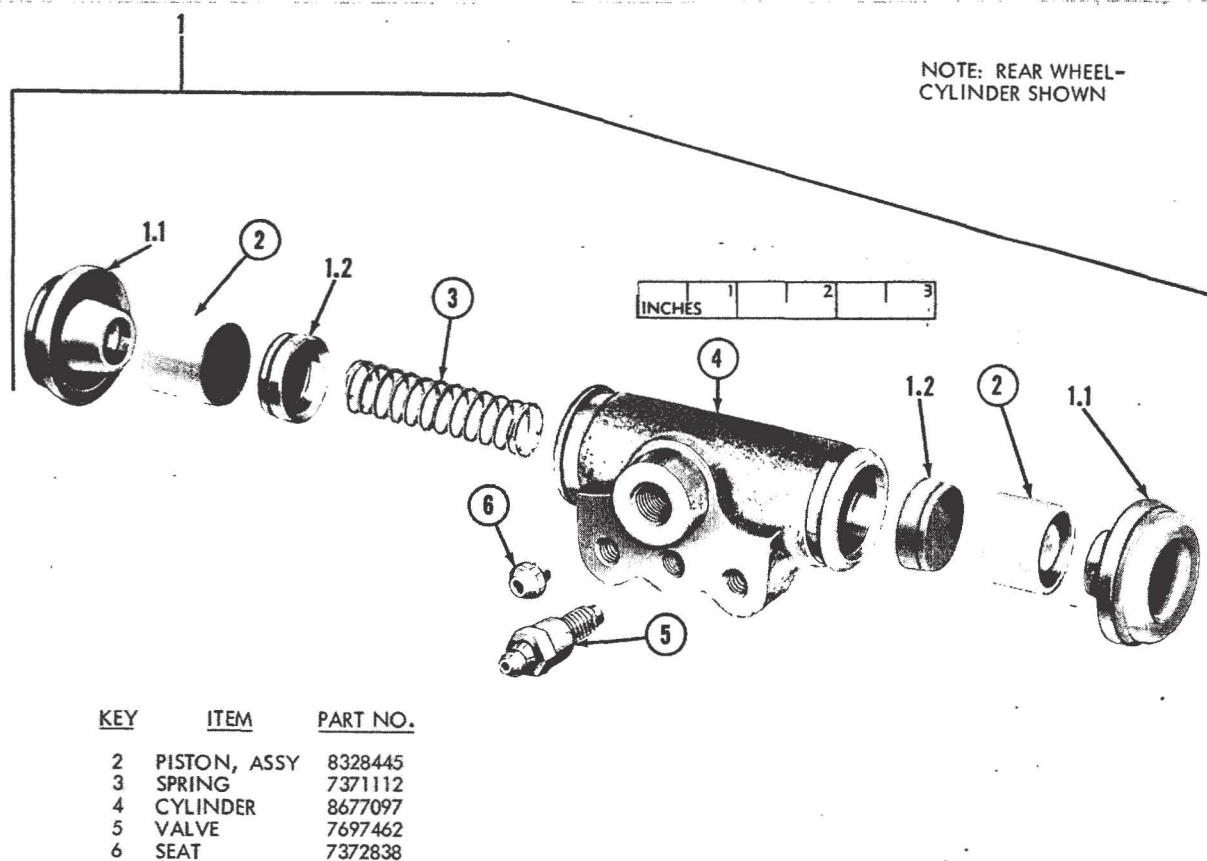


Figure 50. Service brake assembly—exploded view.

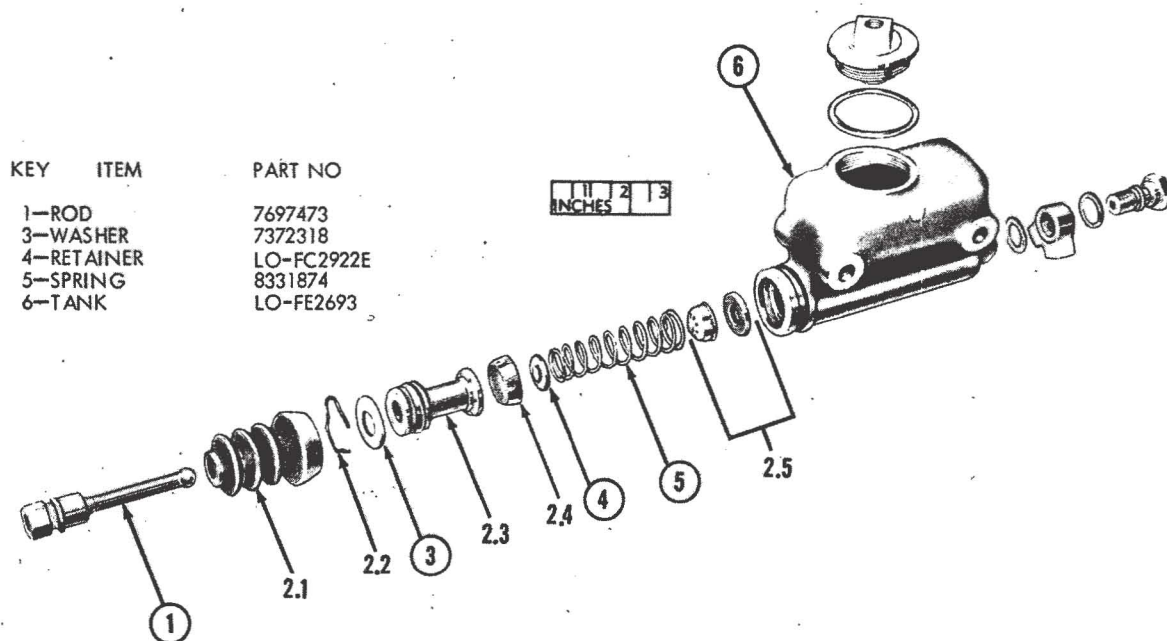
| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 51 | 1 | --- | P | F | --- | 2530-734-8674 | 12—BRAKES—Continued 1204—WHEEL CYLINDERS (fig. 51) KIT: repair, rear (7348674)----- | ea | † | | | |
| 51 | 1.1 | --- | | | --- | --- | Composed of: 2 BOOT (7348610) | | | | | |
| 51 | 1.2 | --- | | | --- | --- | 2 CUP (7348852) | | | | | |
| | | | C | F | --- | 2530-736-9988 | KIT: repair, front (7369988) (nonillustrated)----- | ea | † | | | |
| | | | | | --- | --- | Composed of: 2 BOOT (7348609) 2 CUP (7735312) | | | | | |



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Figure 51. Wheel cylinders—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 52 | 2 | --- | C | F | --- | 2530-737-2669 | <p>12—BRAKES—Continued</p> <p>1204—BRAKE MASTER CYLINDER (fig. 52)</p> <p>KIT: repair (7372669)-----</p> <p>Composed of:</p> <p>1 BOOT (7375176)</p> <p>1 WIRE, LOCK, PISTON STOP (736-2371)</p> <p>1 PISTON, ASSY (8673967)</p> <p>1 CUP, PRIMARY (7417607)</p> <p>1 VALVE, W/SEAT, ASSY (65909-119287)</p> | ea | 1 | | | |
| | 2.1 | --- | | | --- | | | | | | | |
| | 2.2 | --- | | | --- | | | | | | | |
| | 2.3 | --- | | | --- | | | | | | | |
| | 2.4 | --- | | | --- | | | | | | | |
| | 2.5 | --- | | | --- | | | | | | | |



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Figure 52. Brake master cylinder—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p style="text-align: center;"><i>12—BRAKES—Continued</i></p> <p style="text-align: center;"><i>1206—MECHANICAL BRAKE SYSTEM</i> (fig. 53)</p> | | | | | | | | | | | | |
| 53 | 1 | ---- | C | F | ---- | 2540-769-7453 | PEDAL ASSY, BRAKE CONTROL: (769-7453). | ea | 1 | | | |
| 53 | 2 | ---- | C | F | ---- | 5340-769-7465 | CONNECTOR, ROD END: eye, pedal to master cylinder (7697465). | ea | 1 | | | |
| 53 | 3 | ---- | P | F | ---- | 5310-050-2242 | WASHER, FLAT: S, 1½ id, 1¾ od, 0.109 thk shaft (502242). | ea | 1 | | | |

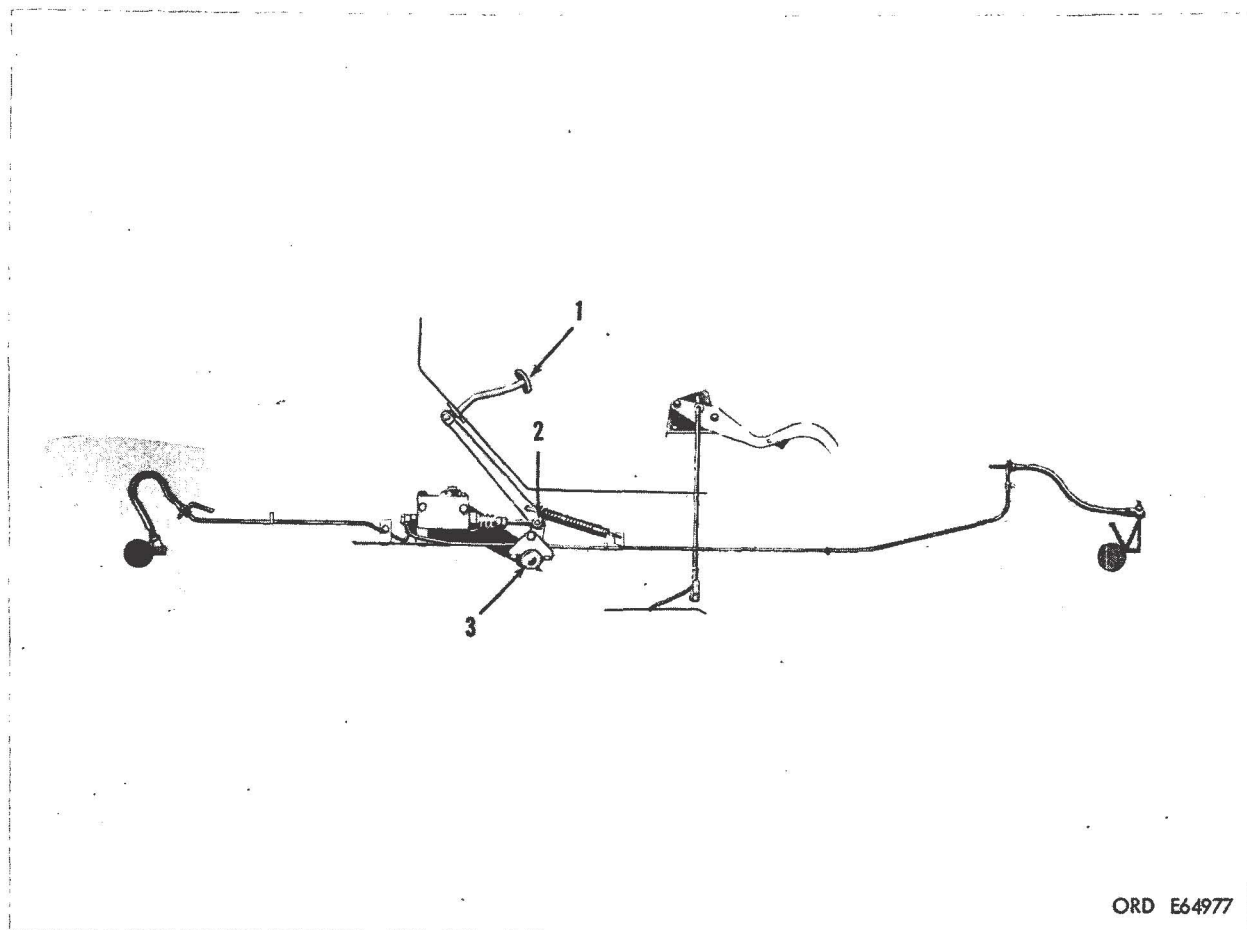


Figure 53. Mechanical brake system.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 54 | 1 | 1 | P | F | ---- | 2530-318-1061 | 14—STEERING 1401—STEERING ASSEMBLY (fig. 54) | | | | | |
| | | | P | F | ---- | 5310-012-0370 | GEAR: steering, assy (8332549)----- | ea | 1 | | | |
| | | | | | | | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, $\frac{1}{16}$ -20UNF-2B, $\frac{5}{8}$ in. w, $\frac{3}{8}$ in. thk (120370). | ea | 3 | | | |
| | | | P | F | ---- | 5305-012-4155 | SCREW, CAP, HEXAGON HEAD: low carb-S, cd- or zn-pltd, $\frac{1}{16}$ -20UNF-2A x 3 (124155). | ea | 3 | | | |
| 55 | 1 | 1 | P | F | ---- | 5310-017-8571 | WASHER, LOCK: int-ext-teeth, S, cd- or zn-pltd, $\frac{1}{16}$ in. bolt size x 1.070 in. od (178571). | ea | 6 | | | |
| | | | | | | | 1401—STEERING TIE-ROD AND RELATED PARTS (fig. 55) | | | | | |
| | | | | | | 5310-595-7071 | COVER: grease retaining, tie-rod end (8393055) | ea | 4 | | | |

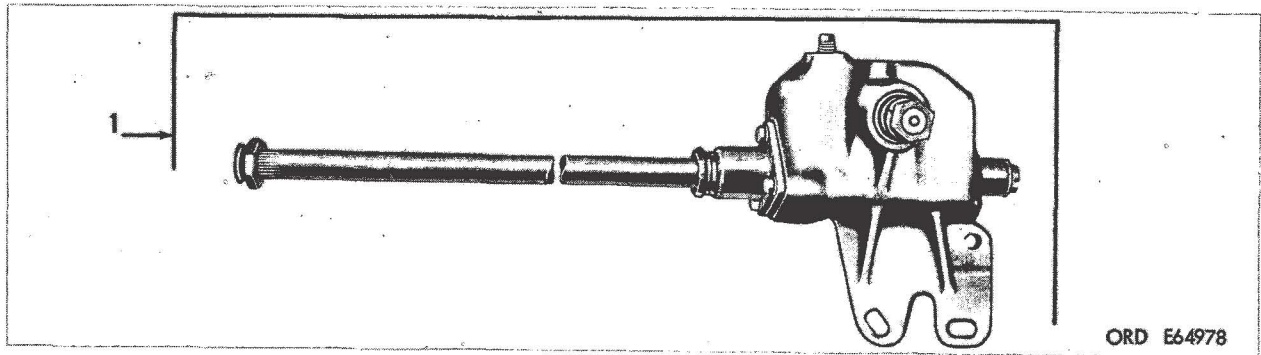
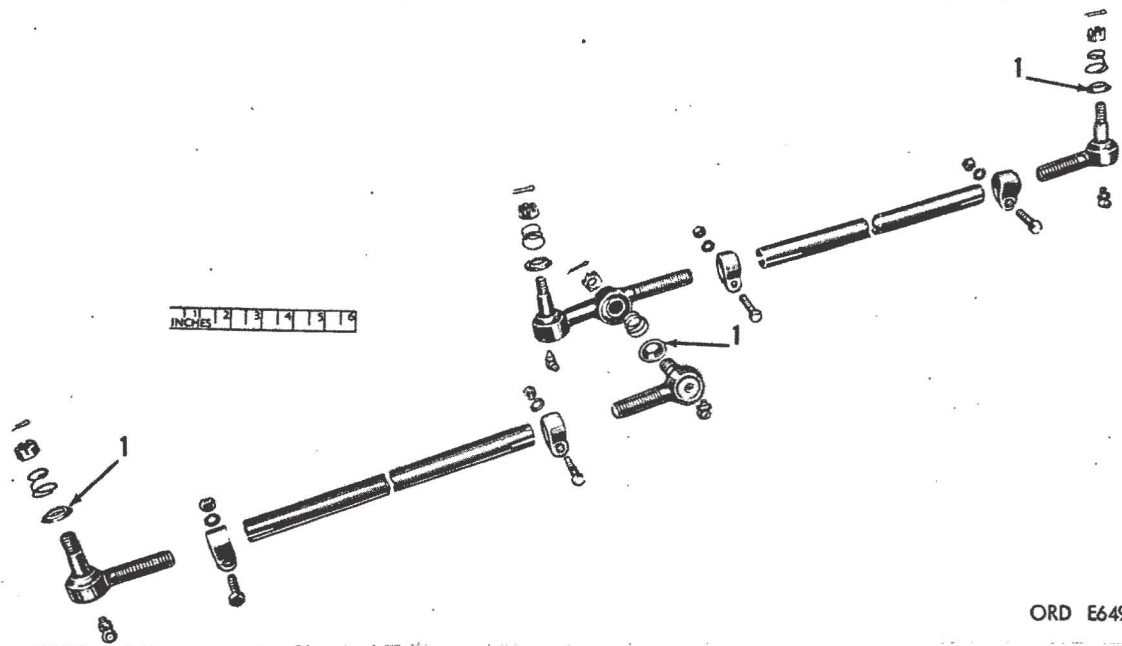
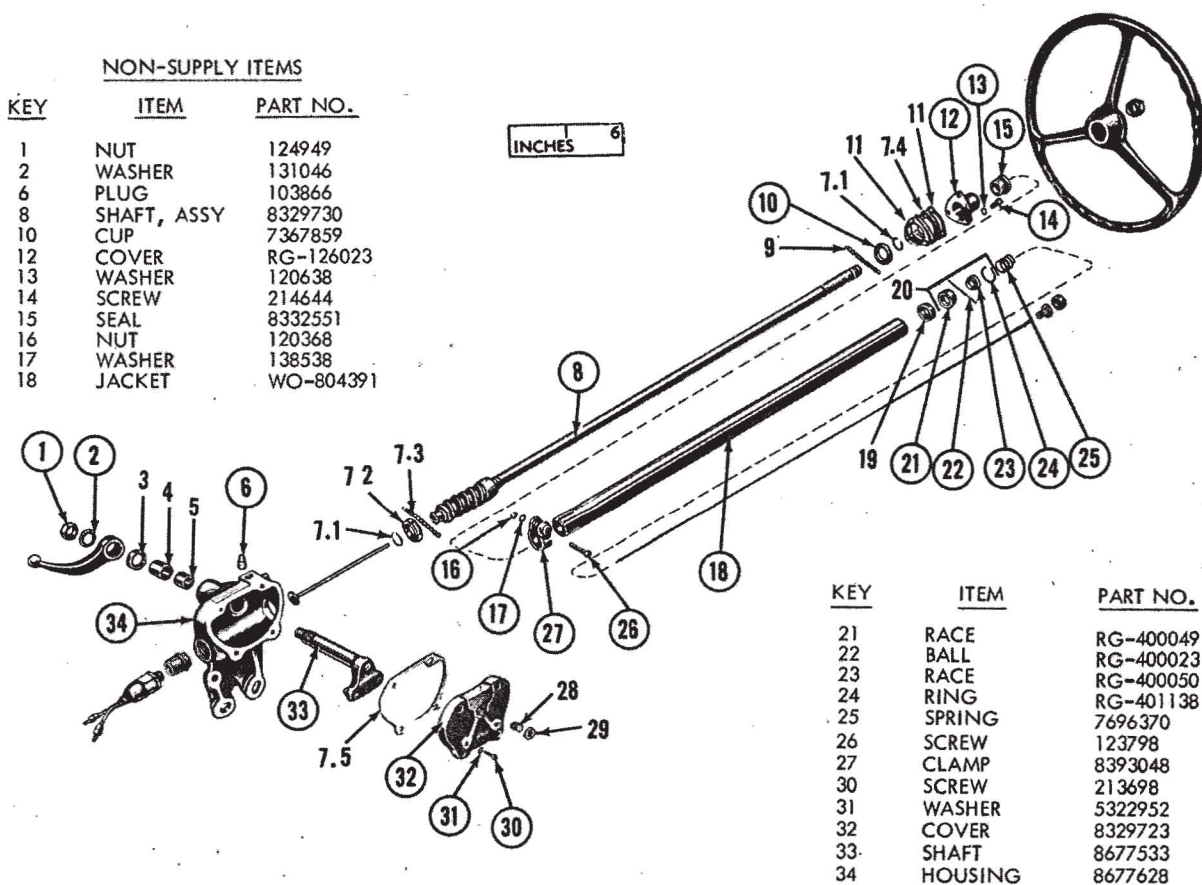


Figure 54. Steering assembly.



ORD E64979

Figure 55. Steering tie-rod and related parts—exploded view.



ORD E64980

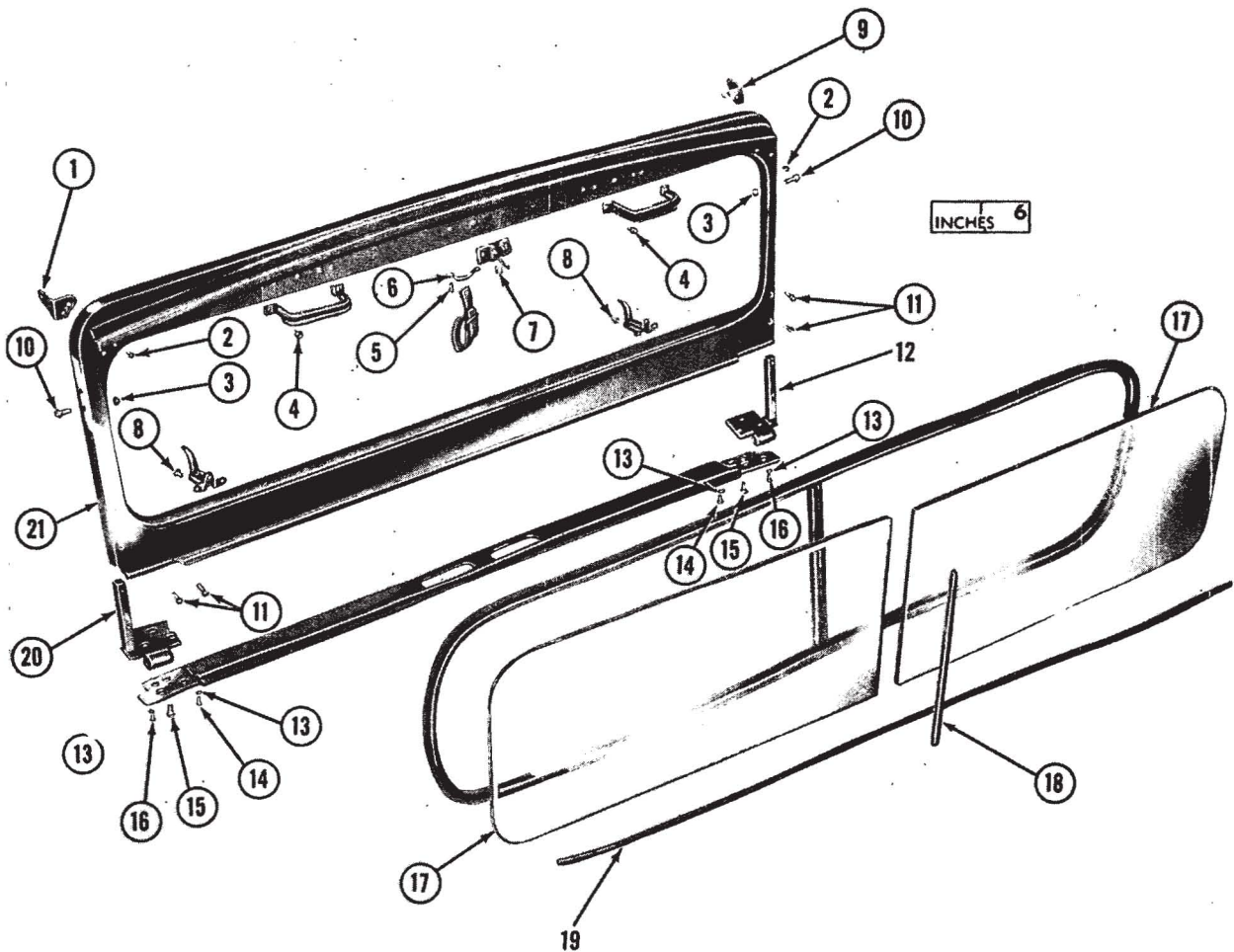
Figure 56. Steering controls—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 14—STEERING—Continued | | | | | | | | | | | | |
| 1401—STEERING CONTROLS (fig. 56) | | | | | | | | | | | | |
| 56 | 3 | ---- | C | H | ---- | 5330-737-5341 | SEAL: oil, pitman shaft (7375341)----- | ea | 1 | | | |
| 56 | 4 | ---- | C | H | ---- | 3120-737-5348 | BEARING: bushing type, pitman shaft, inner in housing (7375348). | ea | 1 | | | |
| 56 | 5 | ---- | C | H | ---- | 2530-737-5349 | BEARING: bushing type, pitman shaft, inner in housing (7375349). | ea | 1 | | | |
| 56 | 7 | ---- | P | H | ---- | 2530-735-1410 | KIT: repair, worm shaft bearing (7351410)---- | ea | † | | | |
| | | | | | | | Composed of: | | | | | |
| 56 | 7.1 | ---- | | | ---- | 5340-579-1598 | 2 RING, SNAP WORM BEARING (7696371) | | | | | |
| | 7.2 | ---- | | | ---- | | 2 CUP WORM BEARING BALL (832-9725) | | | | | |
| | 7.3 | ---- | | | ---- | | 22 BALL, WORM BEARING $\frac{5}{16}$ in. 104919 (7367859) | | | | | |
| | 7.4 | ---- | | | ---- | | 2 SHIM, 0.002, UPPER COVER (☆) (7696350) | | | | | |
| | 7.5 | ---- | | | ---- | | 1 GASKET, HOUSING SIDE COVER (8329725) (used w/steering 2530-318-1045). | | | | | |
| 56 | 7.4 | ---- | C | H | ---- | 2530-737-1431 | SHIM SET: housing, upper cover (7371431)--- | ea | † | | | |
| | | | | | | | Composed of: | | | | | |
| | | | | | | | 2 SHIM 0.002 (7696350) | | | | | |
| | | | | | | | 2 SHIM 0.003 (7696351) | | | | | |
| | | | | | | | 2 SHIM 0.100 (7696352) | | | | | |
| 56 | 9 | ---- | P | H | ---- | 3110-100-6180 | BALL BEARING: mil-std-code 999-56020. 0200 light carb, or- alloy -S, 0.3125 dia 0.00005 sphericity—kit (104919). | ea | 22 | | | |
| 56 | 11 | ---- | C | H | ---- | 5330-741-2577 | GASKET: housing upper cover (7412577)----- | ea | 1 | | | |
| 56 | 19 | ---- | P | H | ---- | 2530-741-2580 | SEAL: steering jacket, upper (7412580)----- | ea | 1 | | | |
| 56 | 20 | ---- | C | H | ---- | 2530-511-1732 | BEARING: steering column, assy (8677346)--- | ea | 1 | | | |
| 56 | 28 | ---- | C | H | ---- | 5305-270-7336 | SCREW: adjusting, pitman shaft side cover (8329728). | ea | 1 | | | |
| 56 | 29 | ---- | P | H | ---- | 5310-275-0366 | NUT: jam, pitman shaft adjusting screw- $\frac{1}{2}$ -20NF-2 (5175255). | ea | 1 | | | |
| NONILLUSTRATED ITEMS | | | | | | | | | | | | |
| | | | C | F | ---- | 2530-741-6462 | BUSHING: jacket, clamp to instrument panel (7416462). | ea | 1 | | | |
| | | | C | F | ---- | 2530-741-2446 | Cover: housing, upper, w/seal, assy (7412446). | ea | 1 | | | |
| | | | P | H | ---- | 2530-693-0774 | JACKET: assy used w/gear, 2530-318-1061 (8332550). | ea | 1 | | | |
| | | | C | F | ---- | 2530-741-2576 | JACKET: tube, w/bearing, assy (7412576)---- | ea | 1 | | | |
| | | | P | H | ---- | 2530-040-2549 | SHAFT: w/nut, and integral worm (8329730)--- | ea | 1 | | | |
| | | | C | H | ---- | 2530-040-2548 | SHAFT: pitman, w/integral cam, lockwasher, and nut (8329729). | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>14—STEERING—Continued</i> | | | | | |
| | | | | | | | <i>1401—STEERING CONTROLS (fig. 56)</i> | | | | | |
| | | | | | | | <i>—Continued</i> | | | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS—Continued</i> | | | | | |
| | | | C | F | ---- | 2530-040-2622 | SHIM: housing 0.097 (8332515)----- | ea | † | | | |
| | | | C | F | ---- | 2530-040-2624 | SHIM: housing 0.1196 (8332517)----- | ea | † | | | |
| | | | C | F | ---- | 2530-040-2623 | SHIM: housing 0.0418 (8332516)----- | ea | † | | | |
| | | | C | F | ---- | 2530-737-1030 | SHIM: housing to frame 0.0097 (7371030)----- | ea | 1 | | | |
| | | | C | H | ---- | 2530-737-5339 | SPACER: mounting, steering gear to frame bolt (7375339). | ea | 1 | | | |

NON - SUPPLY ITEMS

| KEY | ITEM | PART NO | KEY | ITEM | PART NO |
|-----|----------------|-----------|-----|----------------|---------|
| 1 | BRACKET | WO-690822 | 8 | BOLT W/WASHER | 9409107 |
| 2 | SCREW W/WASHER | 454783 | 9 | BRACKET | 8393203 |
| 3 | NUT | 120375 | 10 | SCREW W/WASHER | 425384 |
| 4 | BOLT W/WASHER | 425379 | 11 | BOLT W/WASHER | 425338 |
| 5 | SCREW | 162688 | 13 | WASHER | 120391 |
| 6 | LOOP | 7697591 | | | |
| 7 | SCREW W/WASHER | 425380 | | | |



NON-SUPPLY ITEMS

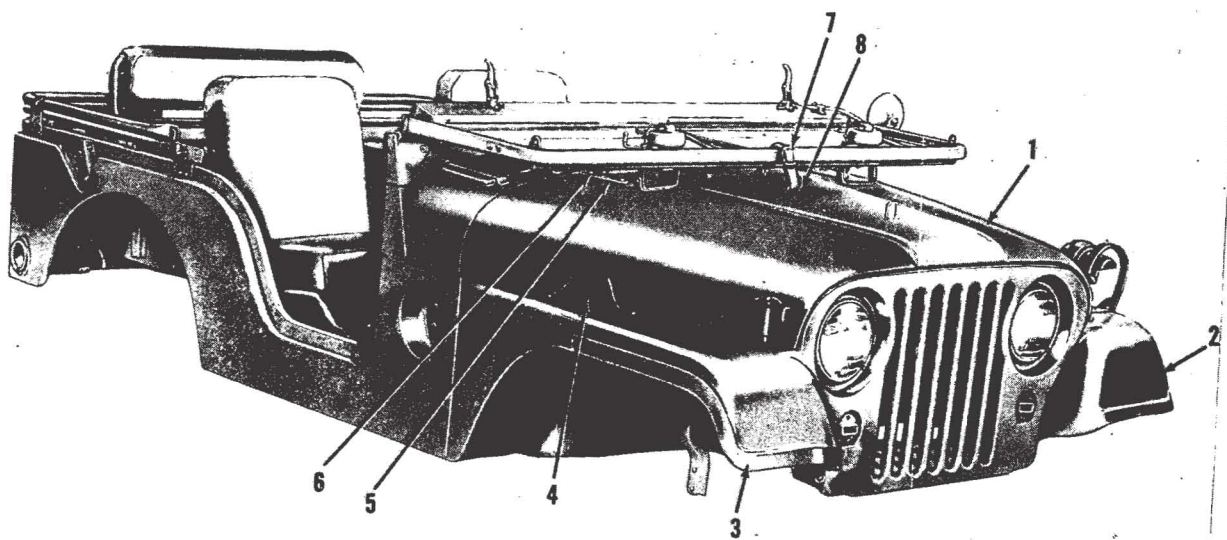
| KEY | ITEM | PART NO |
|-----|----------------|------------|
| 14 | SCREW | 161860 |
| 15 | SCREW W/WASHER | 443775 |
| 16 | BOLT | 159582 |
| 17 | GLASS | 59-G-673 |
| 18 | FILLER | IND-33197R |
| 20 | HINGE | 8392985 |
| 21 | FRAME | 8329652 |

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Figure 57. Windshield assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|----------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item. No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 57 | 12 | ---- | C | F | ---- | 5340-513-5876 | HINGE: left windshield half (8677403)----- | ea | 1 | | | |
| | 19 | ---- | P | F | ---- | 9320-040-2519 | FILLER: rubber, windshield glass weatherstrip (8329651). | ea | 1 | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS</i> | | | | | |
| | | KZ | P | F | ---- | 5310-834-3156 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 6 (0.138) 32NC-2B, $\frac{5}{16}$ in. w, $\frac{1}{16}$ in. thk (windshield center canvas cover fastener) (M38A1C) (96906-35649-62). | ea | 3 | | | |
| | | | P | F | ---- | H001-107-4220 | SCREW, TAPPING, THREAD CUTTING: fl-hd, sltd-blunt-pt, S, cd- or zn-pltd, No. 10 0.190-24NC-2 x $\frac{5}{8}$ windshield frame (171258). | ea | 2 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 18—BODY, CAB AND HOOD—Continued | | | | | | | | | | | | |
| 1801—FENDERS AND HOOD (fig. 58) | | | | | | | | | | | | |
| 58 | 1 | ---- | C | F | ---- | 2510-040-2478 | HOOD: assy (8328472)----- | ea | 1 | | | |
| 58 | 2 | ---- | P | F | ---- | 2510-709-8586 | FENDER, VEHICULAR: front, left w/weld nuts used on vehicles after serial No. 73456 M38A1 and M38A1C (7998520). | ea | 1 | | | |
| 58 | 3 | ---- | P | F | ---- | 2510-709-8587 | FENDER, VEHICULAR: front, right, w/weld nuts used on vehicle serial No. after serial No. 73456 M38A1 and M38A1C (7998521). | ea | 1 | | | |
| 58 | 3 | ---- | P | F | ---- | 2510-040-2468 | FENDER: front, right, w/weld nuts, assy (8328421). | ea | 1 | | | |
| 58 | 3 | ---- | P | F | ---- | 2510-709-8587 | FENDER, VEHICULAR: front, right, w/weld nuts (M170) (7998521). | ea | 1 | | | |
| 58 | 4 | ---- | P | F | ---- | 2510-040-2477 | COVER: breather tube opening (8328469)----- | ea | 1 | | | |
| 58 | 5 | ---- | C | F | ---- | 5340-321-6433 | HINGE: hood, left, w/pin, assy hood half (8328470). | ea | 1 | | | |
| 58 | 5 | ---- | C | F | ---- | 5340-321-6434 | HINGE: hood, assy hood half (8328471)----- | ea | 1 | | | |
| 58 | 6 | KZ | P | F | ---- | 5306-042-5388 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, header pt, S, cd- or zn-pltd, $\frac{3}{16}$ -18UNC-2A x $\frac{1}{2}$ (hinge) (425388). | ea | 1 | | | |
| 58 | 7 | KZ | P | F | ---- | 5310-297-6645 | BUCKLE: tgls, 1-bar, br or bz, black, 1 in. (windshield hold-down strap). | ea | 1 | | | |
| 58 | 8 | ---- | C | F | ---- | 2510-769-7487 | CATCH: hood hold-down, fender mounted (7697487). | ea | 2 | | | |
| NONILLUSTRATED ITEMS | | | | | | | | | | | | |
| | | KZ | P | F | ---- | 5306-042-5379 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, header-pt, S, cd- or zn-pltd, $\frac{1}{4}$ 20UNC-2A x $\frac{1}{2}$ (bumper windshield to hood) (425379). | ea | 4 | | | |
| | | | P | F | ---- | 2510-040-2465 | BRACE: left front fender, assy (8328417)----- | ea | 1 | | | |
| | | | C | F | ---- | 2510-040-2466 | BRACE: right front fender, assy (8328418)----- | ea | 1 | | | |
| | | | C | F | ---- | 2510-769-7483 | BRACKET: hood clutch (7697483)----- | ea | 2 | | | |
| | | | C | F | ---- | 2510-770-1327 | CUSHION: body hold-down No. 4 left side only (7701327). | ea | 1 | | | |
| | | KZ | P1 | F | ---- | 5310-584-5005 | NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, $\frac{1}{4}$ 20UNC-2B, $\frac{1}{16}$ w, $\frac{1}{32}$ thk (96906-35690-405). | ea | 4 | | | |
| | | | C | F | ---- | 5315-316-1028 | PIN: hinge (65909-680939)----- | ea | 2 | | | |
| | | | P | F | ---- | 2510-769-7548 | RETAINER: square nut (right front fender to radiator guard (2) and left front fender to retainer guard (2) $\frac{3}{16}$ in.) (7697548). | ea | 4 | | | |
| | | | P | F | ---- | 5320-011-3194 | RIVET, SPLIT: oval-hd, br, plain fin., $\frac{3}{4}$ x $\frac{1}{16}$ reinforcement (113194). | ea | 12 | | | |



ORD E64982

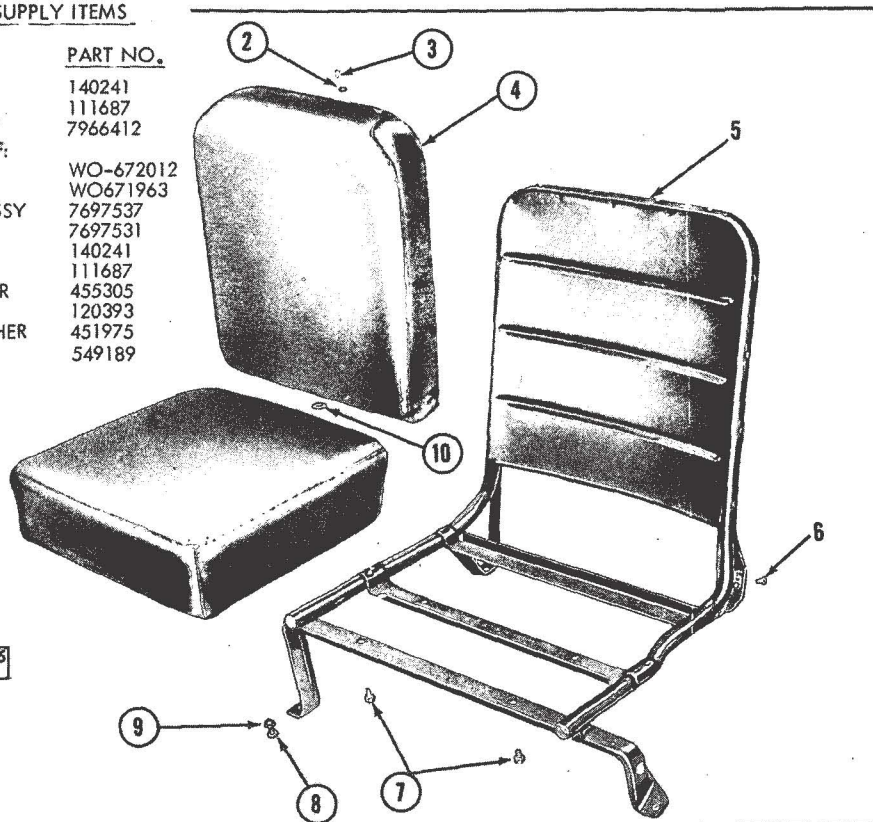
Figure 58. Fenders and hood.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|---|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| | | | | | | | 18—BODY, CAB AND HOOD—Continued | | | | | |
| | | | | | | | 1801—FENDERS AND HOOD (fig. 58) —Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | P | F | ---- | | 5305-337-2576 | SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, $\frac{1}{4}$ 20UNC-2A x $\frac{5}{8}$ (96906-35291-5). | ea | 4 | | | |
| | | C | F | ---- | | 5306-737-2886 | SCREW: retaining, fender, w/lockwasher (7372886). | ea | 8 | | | |
| | | C | F | ---- | | 2510-769-7514 | SHIM: No. 3 body hold-down (7697514)----- | ea | 1 | | | |
| | | P | F | ---- | | 5310-209-0709 | WASHER, FLAT: S, cd- or zn-pltd, $\frac{5}{16}$ id, $\frac{3}{4}$ od, 0.065 thk (120386). | ea | 4 | | | |
| | | P | F | ---- | | 5310-582-5965 | WASHER, LOCK: split, med, S, cd- or zn-pltd, $\frac{1}{4}$ in. screw size (96906-35338-44). | ea | 4 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>18—BODY, CAB AND HOOD—Continued</i> | | | | | |
| | | | | | | | <i>1806—SEAT (DRIVER) (fig. 59)</i> | | | | | |
| 59 | 1 | ---- | P | F | ---- | 2540-786-9238 | SEAT, INDIVIDUAL: driver's vehicular M38A1, M38A1C and M38A1D (10885493). | ea | 1 | | | |
| 59 | 5 | ---- | C | F | ---- | 2510-040-2488 | FRAME: driver's seat, assy M38A1, M38A1C and M38A1D (8328487). | ea | 1 | | | |
| 59 | 6 | ---- | P | F | ---- | 5306-283-0405 | BOLT, ASSEMBLED WASHER: hex-hd, split lockwasher header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 driver's seat peg (9409097). | ea | 2 | | | |

NON-SUPPLY ITEMS

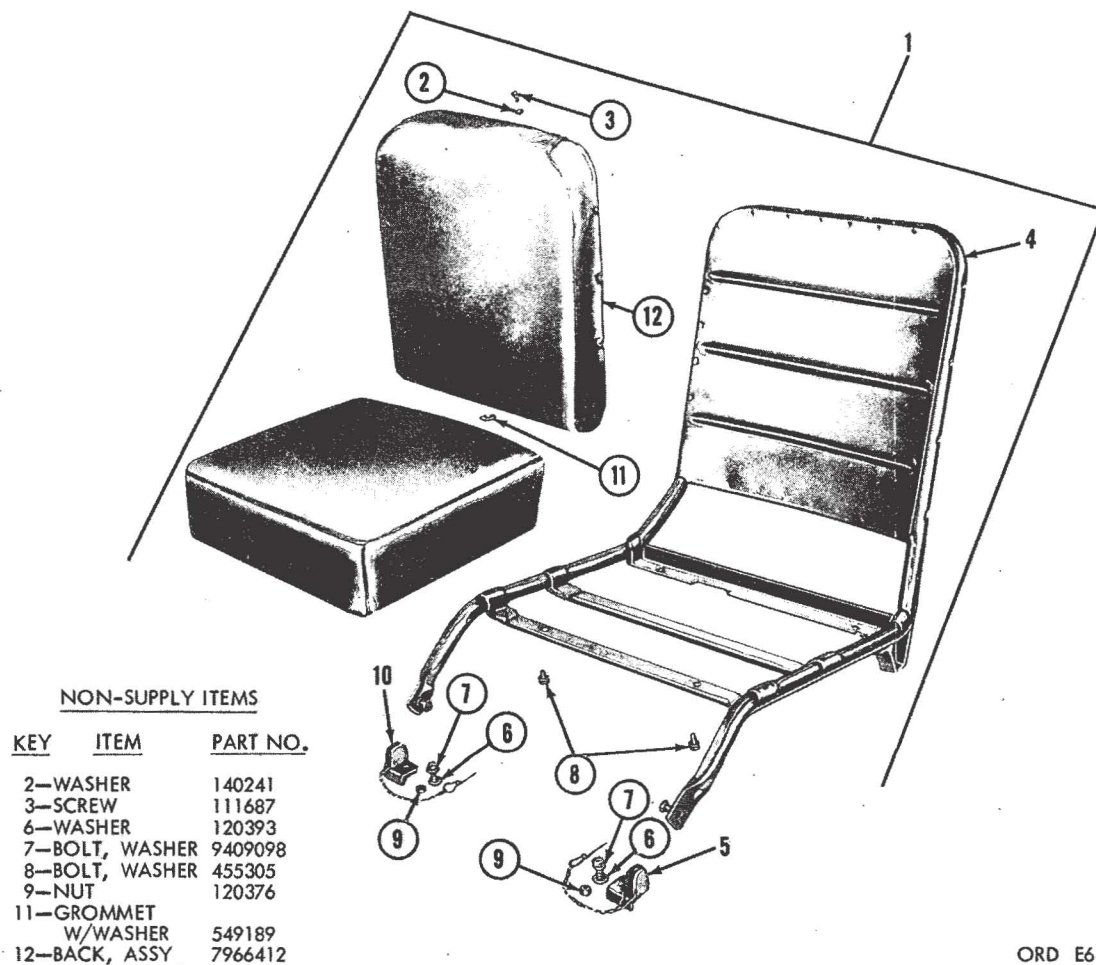
| KEY | ITEM | PART NO. |
|-----|------------------|-----------|
| 2 | WASHER | 140241 |
| 3 | SCREW | 111687 |
| 4 | CUSHION, ASSY | 7966412 |
| | CONSISTS OF: | |
| | TRIM, ASSY | WO-672012 |
| | PAD | WO671963 |
| | SPRING, ASSY | 7697537 |
| | CLIP | 7697531 |
| | WASHER | 140241 |
| | SCREW | 111687 |
| 7 | BOLT, W/WASHER | 455305 |
| 8 | WASHER | 120393 |
| 9 | SCREW, W/WASHER | 451975 |
| 10 | GROMMET W/WASHER | 549189 |



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Figure 59. Seat (driver).

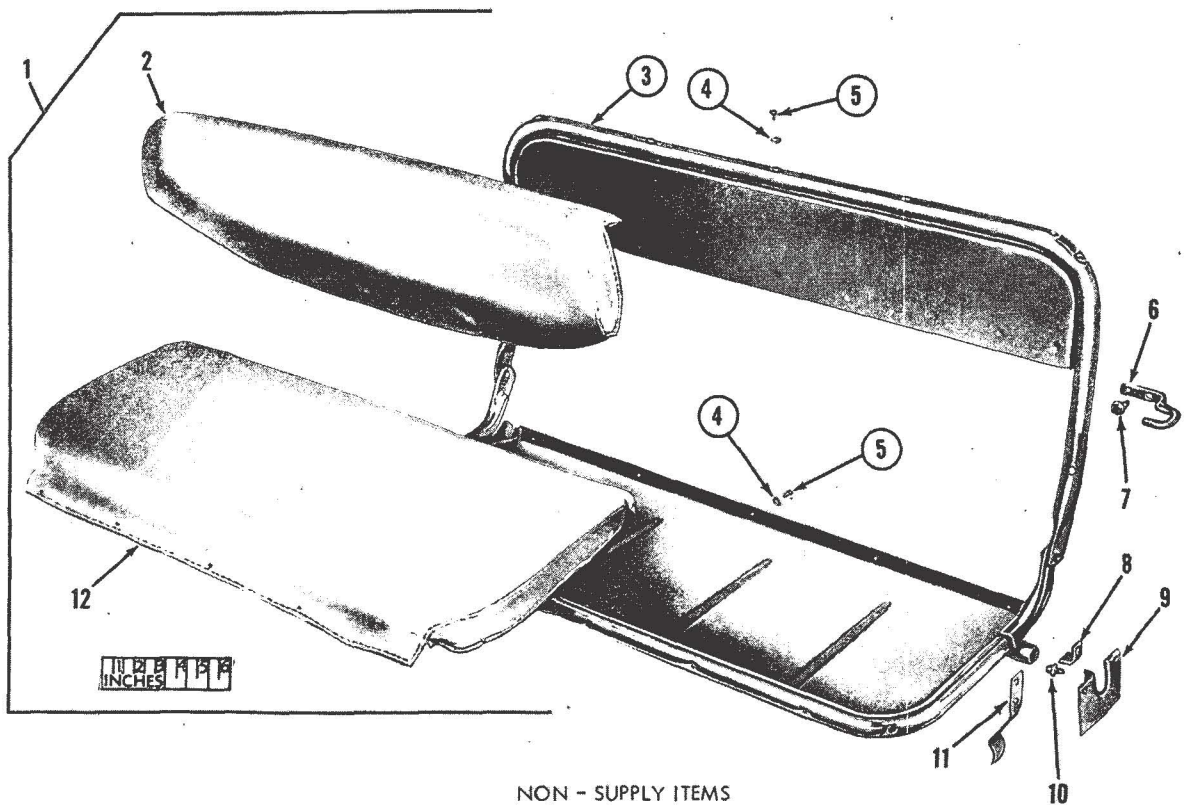
| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>18—BODY, CAB AND HOOD—Continued</i> | | | | | |
| | | | | | | | <i>1806—SEAT (PASSENGER'S) (fig. 60)</i> | | | | | |
| 60 | 1 | ---- | P | F | ---- | 2540-786-9239 | SEAT, INDIVIDUAL: passenger's front vehicular M38A1, M38A1C and M38A1D (10885495). | ea | 1 | | | |
| 60 | 4 | ---- | C | F | ---- | 2510-769-7505 | FRAME: passenger's seat, front, assy (769-7505). | ea | 1 | | | |
| 60 | 5 | ---- | C | F | ---- | 2530-040-1868 | PIVOT: front seat hinge, left w/chain, assy (7697508). | ea | 1 | | | |
| 60 | 10 | ---- | P | F | ---- | 2520-737-2670 | PIVOT: front seat hinge, right, w/chain, assy (7372670). | ea | 1 | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS</i> | | | | | |
| | | | P | F | ---- | 2540-591-1113 | COVER, TRIM, SEAT CUSHION: front, assy (7966430). | ea | 2 | | | |
| | | | P | F | ---- | 2540-700-7462 | CUSHION: gunners' seat M38A1C (58275-954401). | ea | 1 | | | |
| | | | P | F | ---- | 2540-511-1745 | COVER: front seat back, assy (7966428)----- | ea | 2 | | | |



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Figure 60. Seat (passenger)—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>18—BODY, CAB AND HOOD—Continued</i> | | | | | | | | | | | | |
| <i>1806—SEATS (REAR) (fig. 61)</i> | | | | | | | | | | | | |
| 61 | 1 | ---- | P | F | ---- | 2540-786-9240 | SEAT, ASSY, VEHICULAR, REAR: M38A1 (10885496). | ea | 1 | | | |
| 61 | 2 | ---- | P | F | ---- | 2540-786-9241 | COVER ASSY, TRIM, SEAT BACK: rear M38A1 (use with spring, 2540-786-9244 and pad 2540-785-6346) (10885497). | ea | 1 | | | |
| 61 | 6 | ---- | C | F | ---- | 2510-040-2487 | BRACKET: retaining, rear passenger seat M38A1 (8328486). | ea | 2 | | | |
| 61 | 7 | ---- | P | F | ---- | 5306-042-5380 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock-washer header-pt, S, cd- or zn-pltd, ¼-20UNC-2A x ½ M38A1 (425380). | ea | 4 | | | |
| 61 | 8 | ---- | C | F | ---- | 2540-769-7510 | RETAINER: rear seat pivot shaft M38A1 (7697510). | ea | 2 | | | |
| 61 | 9 | ---- | P | F | ---- | 2510-769-7497 | BRACKET: pivot rear seat M38A1 (7697497). | ea | 2 | | | |
| 61 | 10 | ---- | P | F | ---- | 5306-042-5379 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock-washer, header-pt, S, cd- or zn-pltd, ¼-20UNC-2A x ½ (rear seat pivot bracket to hinge panel (4), rear seat pivot tube retainer (2)) (425379). | ea | 10 | | | |
| 61 | 11 | ---- | C | F | ---- | 5340-769-7509 | RETAINER: rear seat frame spring M38A1 (7697509). | ea | 2 | | | |
| 61 | 12 | ---- | P | F | ---- | 2540-786-9243 | CUSHION, SEAT, VEHICULAR: rear M38A1 (10885498). | ea | 1 | | | |
| <i>NONILLUSTRATED ITEMS</i> | | | | | | | | | | | | |
| | | | P | F | ---- | 2540-769-7501 | FRAME: rear seat bottom half M38A1 (769-7501). | ea | 1 | | | |
| | | | P | F | ---- | 2540-769-7502 | FRAME: rear seat, upper M38A1 (7697502). | ea | 1 | | | |
| | | | P | F | ---- | 2540-785-6347 | PAD, VEHICULAR SEAT: rear seat cushion M38A1 (use with cover, 2540-786-9741 and spring, 2540-786-9244) (7748601). | ea | 1 | | | |
| | | | P | F | ---- | 2540-785-6346 | PAD, VEHICULAR SEAT: rear seat back M38A1 (use with cover, 2540-786-9241 and spring, 2540-786-9244) (7748600). | ea | 1 | | | |
| | | | P | F | ---- | 2540-786-9247 | PAN: seat, individual, vehicular M38A1, M38A1C and M38A1D (use with cover, 2540-511-1745 and spring, 2540-786-9246) (108-85491). | ea | 2 | | | |
| | | | P | F | ---- | 5305-011-1687 | SCREW, TAPPING, THREAD FORMING: oval-hd, gimlet-pt, S, cd- or zn-pltd, No. 10 0.191 x ½ in. rear seat back trim M38A1 (111687). | ea | 10 | | | |
| | | | P | F | ---- | 2540-632-4047 | SPRING, ASSY, SEAT BACK: driver and front passenger (used with felt, 8305-630-5595) (7054258). | ea | 2 | | | |



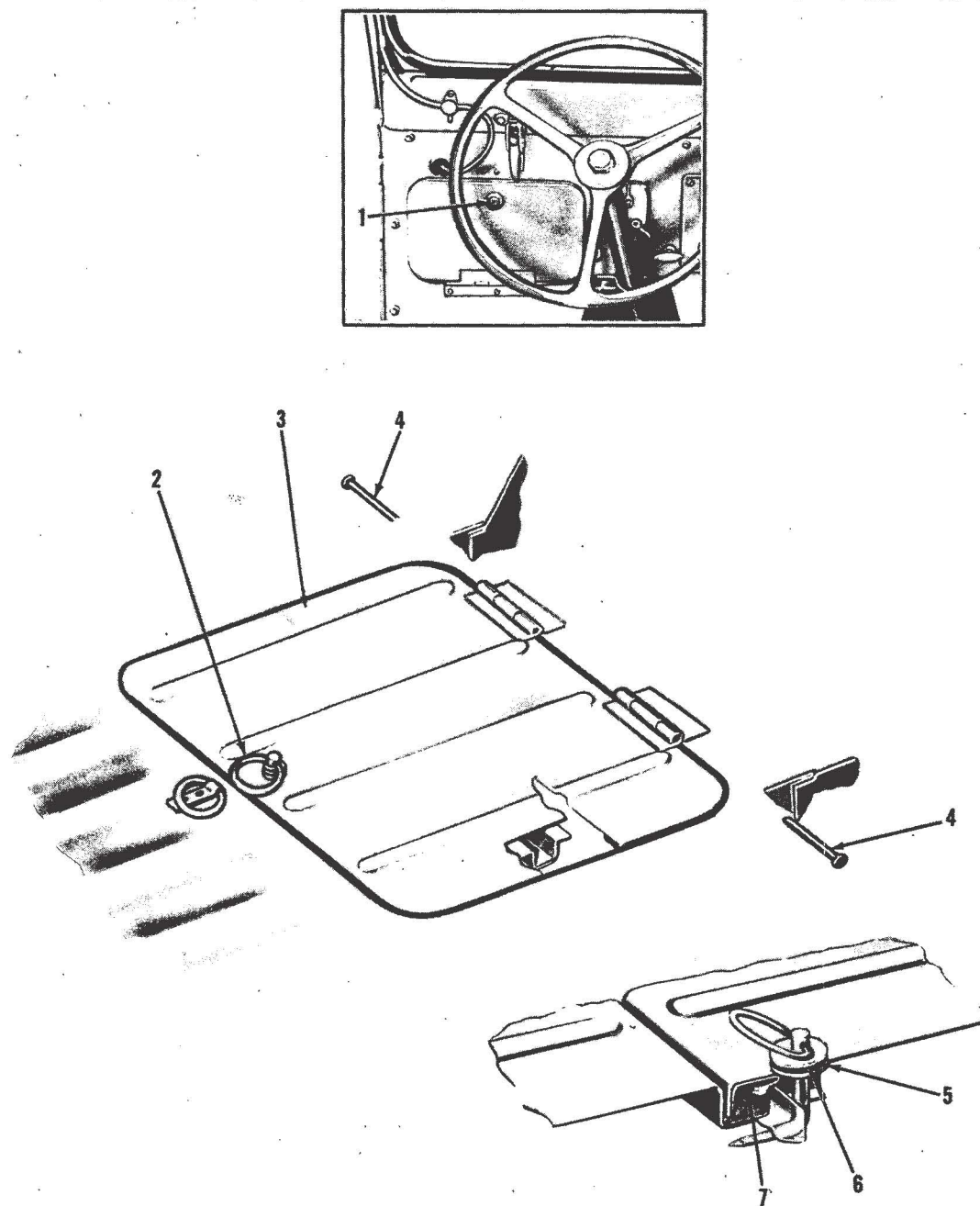
NON - SUPPLY ITEMS

| KEY | ITEM | PART NO. | GROUP |
|-----|-------------|----------|-------|
| 3 | FRAME, ASSY | 8673489 | 1806 |
| 4 | WASHER | 140241 | 1806 |
| 5 | SCREW | 111687 | 1806 |

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Figure 61. Seat (rear)—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|--|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| | | | | | | | 18—BODY, CAB AND HOOD—Continued | | | | | |
| | | | | | | | 1806—SEATS (REAR) (fig. 61) —Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | P | F | ---- | 2540-786-9244 | SPRING ASSY: seat back rear M38A1 (use with cover, 2540-786-9241 and pad, 2540-785-6346) (10885492). | ea | 1 | | | |
| | | | P | F | ---- | 2540-786-9246 | SPRING ASSY: seat cushion, individual, drivers and passengers, M38A1, M38A1C and M38A1D (use with cover, 2540-511-1745 and pan, 2540-786-9247) (10885490). | ea | 2 | | | |
| | | | P | F | ---- | 2540-786-9245 | SPRING ASSY: seat cushion, vehicular rear M38A1 (use with cover, 2540-786-9242) (10885427). | ea | 1 | | | |
| | | | P | F | ---- | 5310-014-0241 | WASHER, FINISHING: S, cd- or zn-pltd, No. 10 0.190 rear seat back trim screw M38-A1 (140241). | ea | 10 | | | |
| | | | | | | | 1808—STOWAGE, RACKS, BOXES AND STRAPS (fig. 62) | | | | | |
| 62 | 1 | ---- | C | F | ---- | 2540-737-5399 | LOCK: glove box door, assy (7375399)----- | ea | 1 | | | |
| | | | C | F | ---- | 2510-737-5358 | RETAINER: glove box door lock (7375358). | ea | 1 | | | |
| | | | P | F | ---- | 5305-013-1885 | SCREW, MACHINE: fil-hd, S, cd- or zn-pltd, No. 6 (0.133)-32NC-2A x $\frac{5}{16}$ (retaining) (131885). | ea | 1 | | | |
| | | | C | F | ---- | 5340-318-1041 | STRIKER: glove compartment door (832-9656). | ea | 1 | | | |
| 62 | 2 | ---- | C | F | ---- | 5340-274-5220 | RING: tool compartment lid, w/retainer (737-5353). | ea | 1 | | | |
| 62 | 3 | ---- | X2 | F | ---- | 2510-737-5350 | LID: tool compartment, assy (7375350)----- | ea | 1 | | | |
| 62 | 4 | ---- | C | F | ---- | 5315-737-5166 | PIN: hinge, tool over-long 1st line (7375166)--- | ea | 2 | | | |
| 62 | 5 | ---- | C | F | ---- | 2510-737-5169 | CATCH: tool box lid (7375169)----- | ea | 1 | | | |
| 62 | 6 | ---- | C | F | ---- | 5310-550-1458 | WASHER, SPRING TENSION: tool compartment lid ring (cd-pltd, $2\frac{1}{64}$ x $\frac{5}{8}$ od) (8329984). | ea | 1 | | | |
| 62 | 7 | ---- | P | F | ---- | 9320-141-7634 | WEATHERSTRIP: rubber, tool compartment lid (7375355). | ea | 1 | | | |
| | | | | | | | NONILLUSTRATED ITEMS | | | | | |
| | | | P | F | ---- | 5306-042-5379 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lockwasher, cd- or zn-pltd, $\frac{1}{4}$ -20UNC-2A x $\frac{1}{2}$ retainer (axle blade (2) and shovel blade (2)) (425379). | ea | 4 | | | |

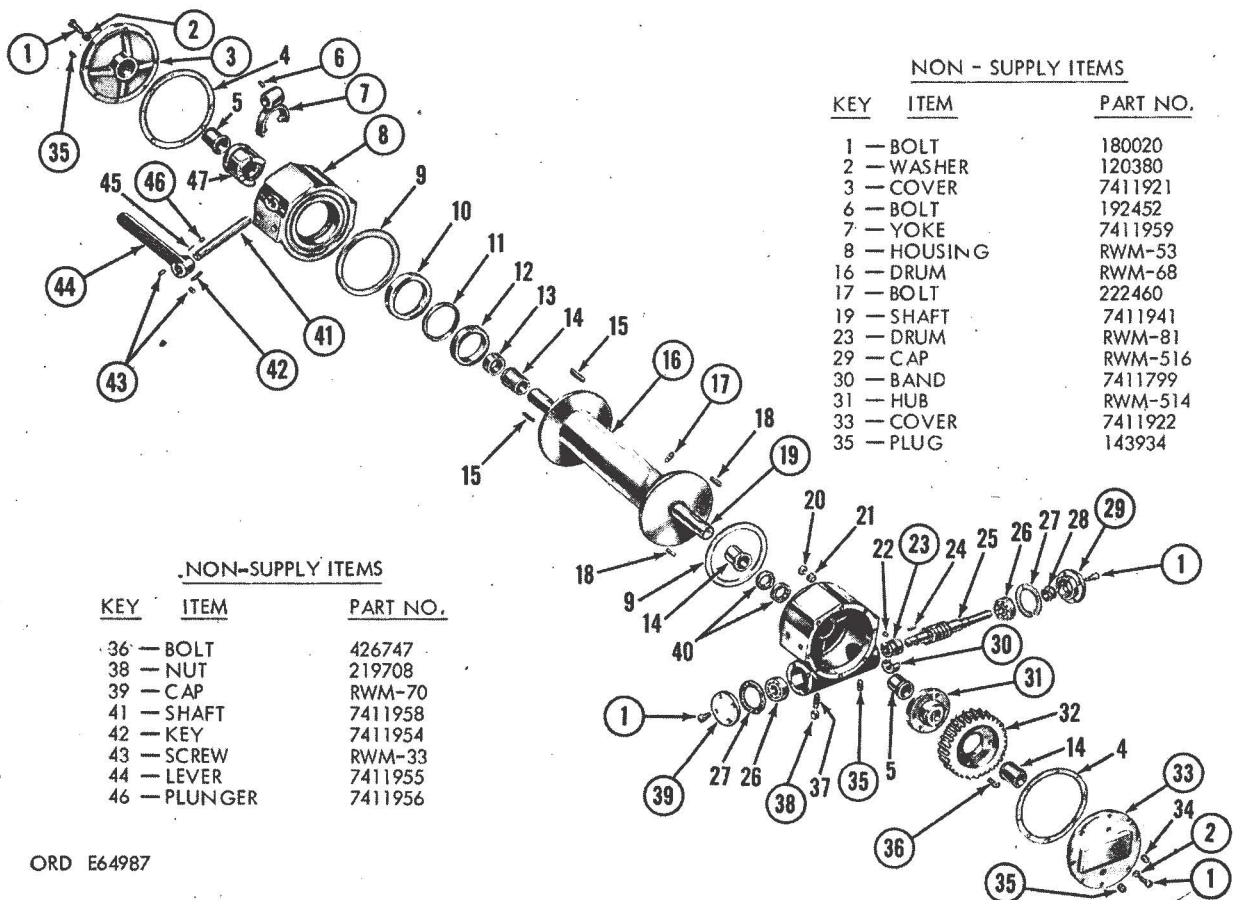


ORD E64986

Figure 62. Stowage, racks, boxes, and straps.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 18—BODY, CAB AND HOOD—Continued | | | | | |
| | | | | | | | 1808—STOWAGE, RACKS, BOXES AND STRAPS (fig. 62)—Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | P | F | ---- | 5306-042-5380 | BOLT, ASSEMBLED WASHER: hex-hd, 1/4-20UNC-2A x 5/8 (top bow bracket, front (4) and rear (4)) (425380). | ea | 8 | | | |
| | | | X2 | F | ---- | 2510-737-5162 | BRACKET: shovel M38A1C (7375162)----- | ea | 1 | | | |
| | | | X2 | F | ---- | 2510-040-2589 | BRACKET: top bow (stowage front w/nuts M38A1) (8329983). | ea | 2 | | | |
| | | | C | F | ---- | 2510-040-2588 | BRACKET: stowage top bow, rear M38A1 (8329982). | ea | 2 | | | |
| | | | P | F | ---- | 5340-297-6645 | BUCKLE: tgls, 1-bar, dull black, 1 in. strap (585861). | ea | 1 | | | |
| | | | P | H | ---- | 2590-473-6331 | BRACKET DRUM FOR FLAMMABLE LIQUID: (M38A1) (7375163). | ea | 1 | | | |
| | | | P | F | ---- | 5310-050-3478 | NUT, PLAIN, WELDING: sq, S, 3/8-16UNC-2B, 5/16 in. w 1/4 in. thk (top bow stowage bracket, front) (503478). | ea | 2 | | | |
| | | | C | F | ---- | 2510-737-5170 | PLATE: catch, tool compartment lid (7375170). | ea | 1 | | | |
| | | | C | F | ---- | 2510-737-5354 | SPACER: spare gasoline bracket M38A1 (7375354). | ea | 1 | | | |
| | | | P | F | ---- | 5340-505-6399 | STRAP: web, 1 x 17 1/2 in. (developed lg 21 3/4 in. lg) (shovel stowage) (8329991). | ea | 1 | | | |
| | | | P | F | ---- | 5340-506-1510 | STRAP, WEBBING: 1 x 20 in. (top bow (2) and windshield (1) (592636). | ea | 1 | | | |
| | | | P | F | ---- | 5340-706-4507 | STRAP, WEBBING: web strap buckle, 1 1/2 in., w, 14 1/2 lg spare gas can (7064507). | ea | 1 | | | |
| | | | P | F | ---- | 5340-734-7501 | STRAP: web, web strap buckle, end clip, 1 in. w, 49 in. lg (stowage, top wheel house) M38A1 (7347501). | ea | 4 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) |
|--------------------------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|---|---------------|-----------------|---------------------------------------|----------------|---------------------------------|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | Depot maint guide per 100 equip |
| 20—WINCH AND POWER TAKEOFF | | | | | | | | | | | | |
| 2001—WINCH ASSEMBLY (fig. 63) | | | | | | | | | | | | |
| 63 | 4 | ---- | P | H | ---- | 2590-741-1924 | GASKET: worm gear housing cover M38A1 and M38A1C (7411924). | ea | 2 | | | |
| 63 | 5 | ---- | P | H | ---- | 3120-741-1803 | BEARING SLEEVE: bushing type, worm gear housing M38A1 and M38A1C (7411803). | ea | 2 | | | |
| 63 | 9 | ---- | P | H | ---- | 2590-741-1935 | GASKET: grease, drum M38A1 and M38A1C (7411935). | ea | 2 | | | |
| 63 | 10 | ---- | P | H | ---- | 3120-741-1801 | BEARING: clutch housing M38A1 and M38A1C (7411801). | ea | 1 | | | |
| 63 | 11 | ---- | P | H | ---- | 5330-741-1934 | PACKING, MATERIAL: grease, clutch housing bearing M38A1 and M38A1C (7411934). | ea | 1 | | | |
| 63 | 12 | ---- | P | H | ---- | 3110-741-1933 | RACE: intermediate bearing M38A1 and M38A1C (7411933). | ea | 1 | | | |
| 63 | 13 | ---- | P | H | ---- | 2590-741-1942 | SPACER: clutch and M38A1C (7411942)----- | ea | 1 | | | |
| 63 | 14 | ---- | P | H | ---- | 3120-741-1802 | BEARING: bushing type, drum shaft and worm gear housing cover M38A1 and M38A1C (7411802). | ea | 3 | | | |
| 63 | 15 | ---- | P | H | ---- | 5315-741-1920 | KEY: clutch M38A1 and M38A1C (7411920)--- | ea | 1 | | | |
| 63 | 18 | ---- | P | H | ---- | 5315-741-1927 | KEY: worm gear M38A1 and M38A1C (7411927). | ea | 2 | | | |
| 63 | 20 | ---- | P | H | ---- | 3830-741-1930 | LINING: drum brake M38A1 and M38A1C (7411930). | ea | 1 | | | |
| 63 | 21 | ---- | P | H | ---- | 2590-741-1943 | SPRING: drum brake M38A1 and M38A1C (7411943). | ea | 1 | | | |
| 63 | 22 | ---- | P | H | ---- | 5305-741-1937 | SCREW: set, worm brake 1/4-20 x 1/4 M38A1 and M38A1C (7411937). | ea | 2 | | | |
| 63 | 24 | ---- | P | H | ---- | 5315-741-1926 | KEY: worm brake drum M38A1 and M38A1C (7411926). | ea | 1 | | | |
| 63 | 25 | ---- | P | H | ---- | 2590-741-1945 | WORM: gear M38A1 and M38A1C (7411945). | ea | 1 | | | |
| 63 | 26 | ---- | P | H | ---- | 3110-741-1800 | BEARING: ball, worm shaft M38A1 and M38A1C (7411800). | | | | | |
| 63 | 27 | ---- | P | H | ---- | 2590-741-1923 | GASKET: bearing cap M38A1 and M38A1C (7411923). | ea | 2 | | | |
| 63 | 28 | ---- | P | H | ---- | 2330-741-1940 | SEAL: grease, output shaft M38A1 and M38A1C (7411940). | ea | 1 | | | |
| 63 | 32 | ---- | P | H | ---- | 2590-741-1925 | GEAR: worm M38A1 and M38A1C (7411925). | ea | 1 | | | |
| 63 | 34 | ---- | P | H | ---- | 2540-741-1932 | PLUG: breather, assy M38A1 and M38A1C (7411932). | ea | 1 | | | |
| 63 | 37 | ---- | P | H | ---- | 5305-741-1936 | SCREW: adjusting, worm brake M38A1 and M38A1C (7411936). | ea | 1 | | | |
| 63 | 40 | ---- | P | H | ---- | 5330-741-1939 | SEAL: grease, gun shaft M38A1 and M38A1C (7411939). | ea | 2 | | | |
| 63 | 45 | ---- | P | H | ---- | 2520-741-1957 | SPRING: poppet M38A1 and M38A1C (7411957). | ea | 2 | | | |
| 63 | 47 | ---- | P | H | ---- | 2590-741-1805 | CLUTCH: winch (M38A1 and M38A1C) (93041-60). | ea | 1 | | | |



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Figure 63. Winch assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <i>20—WINCH AND POWER TAKEOFF</i> —Continued | | | | | | | | | | | | |
| <i>2001—WINCH FRAME (fig. 64)</i> | | | | | | | | | | | | |
| 64 | 2 | --- | P | H | --- | 5306-741-1931 | PIN: guide, vertical roller M38A1 and M38A1C (7411931). | ea | 2 | | | |
| 64 | 8 | --- | P | H | --- | 2590-741-1938 | ROLLER, VERTICAL: M38A1 and M38A1C (7411938). | ea | 2 | | | |

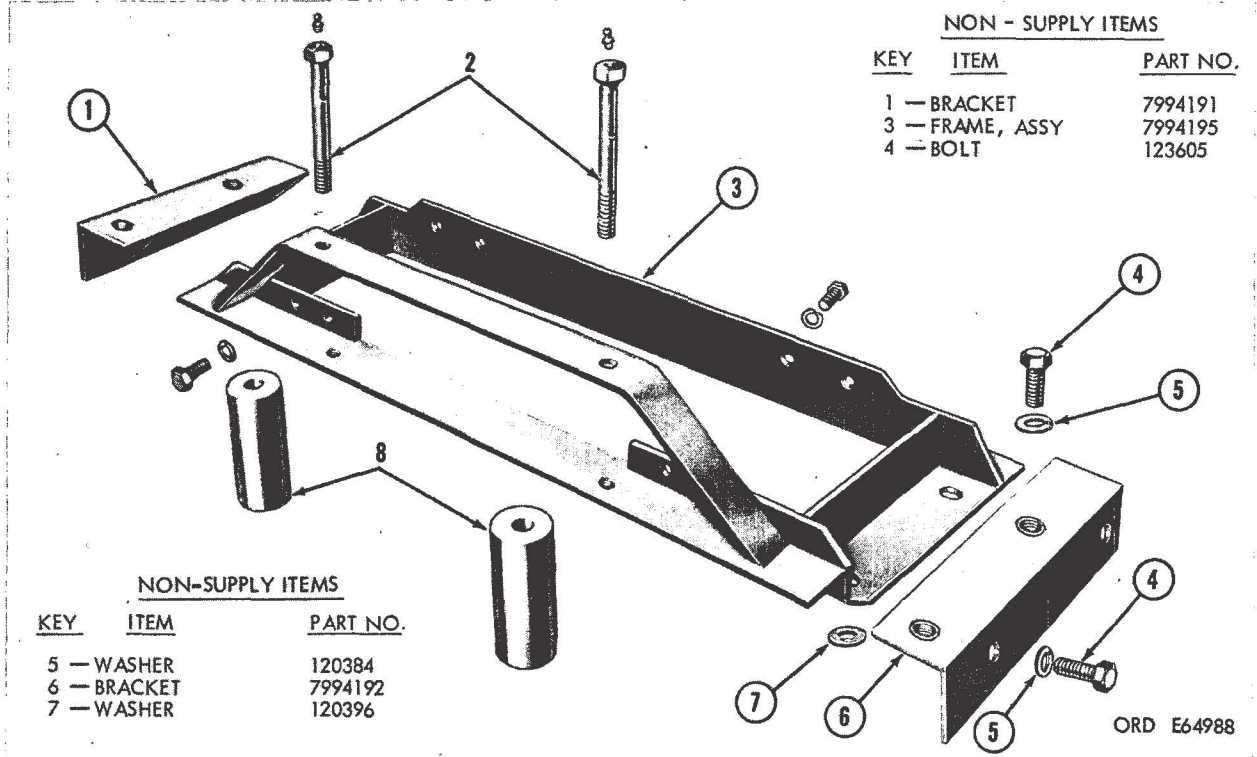


Figure 64. Winch frame—exploded view.

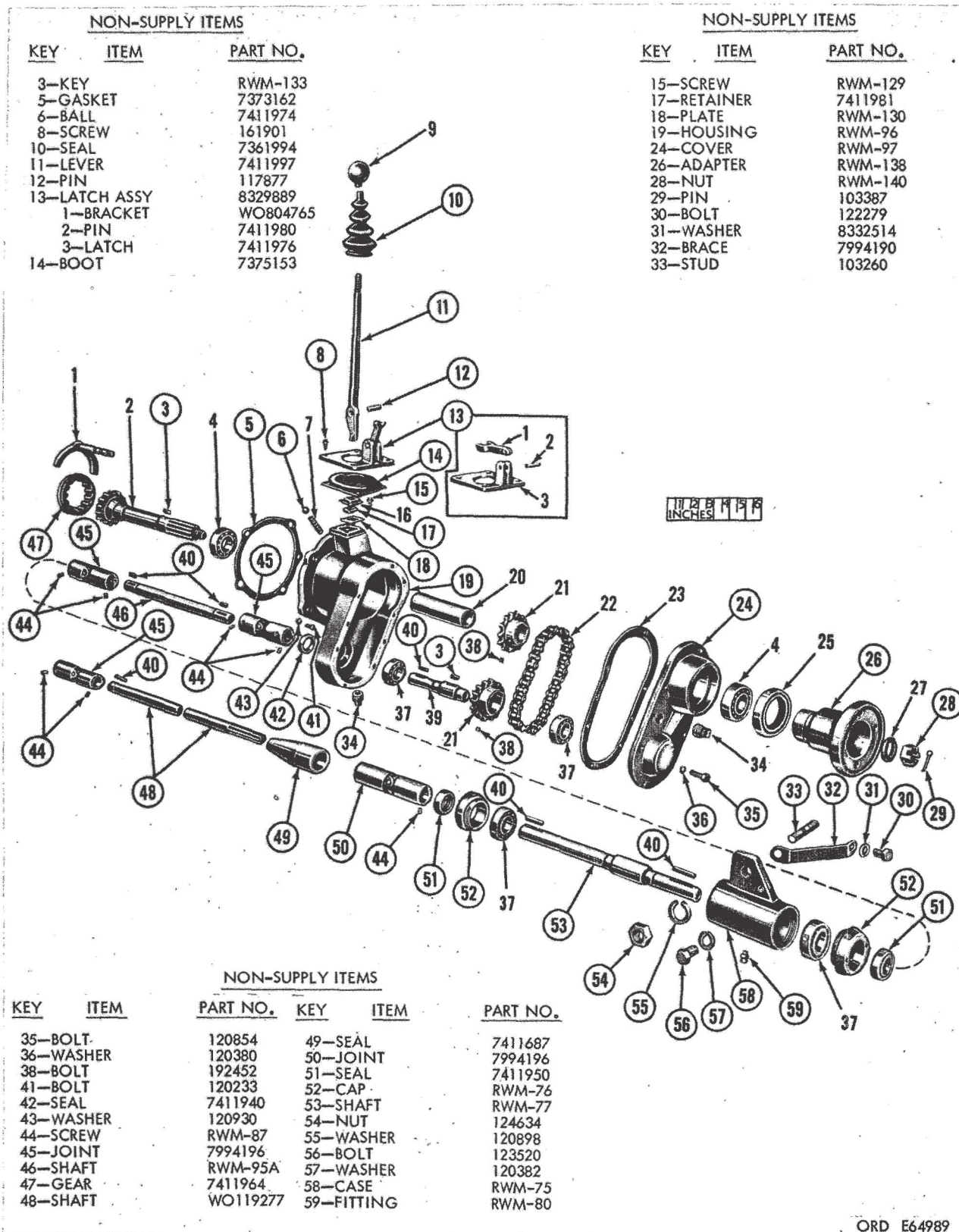
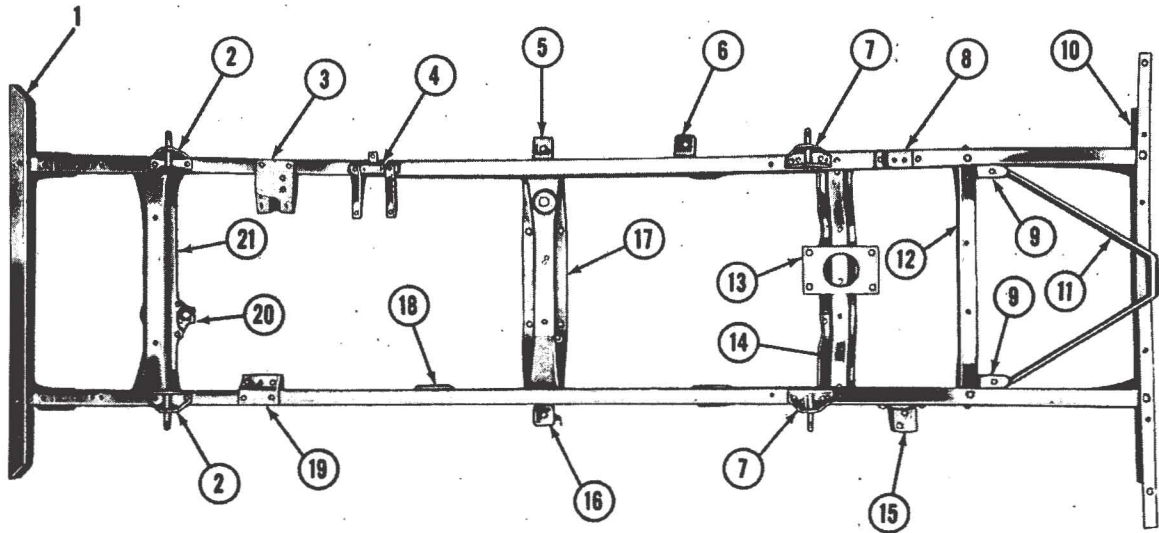


Figure 65. Power takeoff assembly—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Materiel code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p align="center"><i>20—WINCH AND POWER TAKEOFF</i></p> <p align="center"><i>2004—POWER TAKEOFF (fig. 65)</i></p> | | | | | | | | | | | | |
| 65 | 1 | ---- | P | H | ---- | 2520-741-1973 | YOKE: sliding gear M38A1 and M38A1C (7411973). | ea | 1 | | | |
| 65 | 2 | ---- | P | H | ---- | 2520-741-1963 | GEAR: main drive M38A1 and M38A1C (7411963). | ea | 1 | | | |
| 65 | 4 | ---- | P | H | ---- | 3110-144-5518 | BEARING, BALL, ANNULAR: mil-std-code sr, rad, nonloading groove, both ends same w, abec 1, std fit, 25mm bore, 52mm od, 95mm w main drive gear M38A1 and M38A1C (700078). | ea | 2 | | | |
| 65 | 7 | ---- | C | H | ---- | 2520-741-1983 | SPRING: poppet M38A1 and M38A1C (7411983). | ea | 1 | | | |
| 65 | 9 | ---- | P | F | ---- | 5355-741-1761 | KNOB: shift lever M38A1 and M38A1C (7696491). | ea | 1 | | | |
| 65 | 16 | ---- | C | F | ---- | 2520-741-1975 | COVER: shift lever grease retainer M38A1 and M38A1C (7411975). | ea | 1 | | | |
| 65 | 20 | ---- | P | H | ---- | 2520-741-1970 | SPACER: bearing, main shaft M38A1 and M38A1C (7411970). | ea | 1 | | | |
| 65 | 21 | ---- | P | H | ---- | 2520-741-1971 | SPROCKET: M38A1 and M38A1C (7411971). | ea | 2 | | | |
| 65 | 22 | ---- | P | H | ---- | 2520-741-1961 | CHAIN: roller M38A1 and M38A1C (7411961). | ea | 1 | | | |
| 65 | 23 | ---- | P | H | ---- | 5330-741-1962 | GASKET: housing cover M38A1 and M38A1C (7411962). | ea | 1 | | | |
| 65 | 25 | ---- | | F | ---- | 2520-741-1966 | SEAL: grease, main drive shaft M38A1 and M38A1C (500068). | ea | 1 | | | |
| 65 | 27 | ---- | | H | ---- | 5310-741-1972 | WASHER, FLAT: adapter to main drive gear M38A1 and M38A1C (7411972). | ea | 1 | | | |
| 65 | 34 | ---- | 5P | | ---- | 4730-278-3390 | PLUG, PIPE: sq-hd, mi, glvd, 3/8 in. cover and housing drain M38A1 and M38A1C (143934). | ea | 2 | | | |
| 65 | 39 | ---- | P | H | ---- | 2520-741-1967 | SHAFT: output M38A1 and M38A1C (741-1967). | ea | 1 | | | |
| 65 | 37 | ---- | P | H | ---- | 3110-741-1673 | BEARING: ball, output shaft M38A1 and M38A1C (701170). | ea | 2 | | | |

NON - SUPPLY ITEMS

| KEY | ITEM | PART NO. | KEY | ITEM | PART NO. | KEY | ITEM | PART NO. |
|-----|--------------|-----------|-----|---------------|-------------|-----|---------------|----------|
| 2 | BRACKET | 8677505 | 9 | BRACKET | MSP-344-306 | 15 | BRACKET | 8677428 |
| 3 | BRACKET ASSY | 8677503 | 10 | CROSS MEMBER | WO-800605 | 16 | OUTRIGGER | 8677291 |
| 4 | SUPPORT | 8328475 | 11 | REINFORCEMENT | 8677650 | 17 | CROSS MEMBER | 7372507 |
| 5 | OUTRIGGER | WO-907147 | 12 | CROSS MEMBER | 8673477 | 18 | REINFORCEMENT | 8677420 |
| 6 | BRACKET | 7697870 | 13 | SUPPORT | 8677429 | 19 | BRACKET | 8677649 |
| 7 | BRACKET | 7372506 | 14 | CROSS MEMBER | 8673467 | 20 | BRACKET | 8677416 |
| 8 | BRACKET | 8677517 | | | | 21 | CROSS MEMBER | 8677579 |



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Figure 66. Bumpers, brackets, and guards.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) | (4) | (5) | (6) | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|-------------------|--|---------------|-----------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | Federal stock No. | Description | Unit of issue | Qty inc in unit | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>21—BUMPER AND GUARDS</i> | | | | | |
| | | | | | | | <i>2101—BUMPERS, BRACKETS, AND GUARDS (fig. 66)</i> | | | | | |
| 66 | 1 | ---- | P | F | ---- | 2510-693-0771 | BAR: bumper, front (8331831)----- | ea | 1 | | | |
| 23 | 1 | ---- | C | F | ---- | 2510-040-2586 | GUARD: radiator, w/deflectors, hinges, and hood liner, assy (8329975). | ea | 1 | | | |
| 23 | 13 | ---- | C | F | ---- | 5306-737-2886 | SCREW: retaining, radiator guard, $\frac{5}{16}$ -18NC x $\frac{1}{8}$ w/lockwasher (7372886). | ea | 6 | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS</i> | | | | | |
| | | | P | F | ---- | 2540-737-2819 | BUMPERETTE: rear (7372819)----- | ea | 2 | | | |
| | | | X2 | F | ---- | 6220-737-2820 | GUARD: blackout driving light, w/support (7372820). | ea | 1 | | | |
| | | | X2 | F | ---- | 5315-316-1031 | PIN: radiator grill guard hinge, left, w/bracket (8329977). | ea | 1 | | | |
| | | | P | F | ---- | 5315-316-1032 | PIN: radiator guard hinge, right, w/bracket (8329979). | ea | 1 | | | |
| | | | P | F | ---- | 2510-769-7548 | RETAINER: square nut, radiator guard $\frac{5}{16}$ in. (7697548). | ea | 4 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | 22—MISCELLANEOUS BODY, CHASSIS OR HULL AND ACCESSORY ITEMS | | | | | |
| | | | | | | | 2201—CANVAS ITEMS ATTACHING PARTS (fig. 67) | | | | | |
| 67 | 1 | ---- | C | F | ---- | 2540-040-2560 | RETAINER: top to windshield M38A1 (65909-680128). | ea | 1 | | | |
| 67 | 2 | ---- | P | F | ---- | 2510-574-8402 | RAIL: top M38A1 (65909-680437)----- | ea | 2 | | | |
| 67 | 3 | ---- | C | F | ---- | 5310-769-7418 | WASHER: curtain fastener (7697418)----- | ea | 62 | | | |
| 67 | 4 | ---- | P | F | ---- | 5325-282-7433 | STUD, TURN BUTTON FASTENER: large, sgle, br, black, 2-prong clinch base common sense type (top cover (24) and rear curtain (6)). | ea | 30 | | | |
| 67 | 5 | ---- | P | F | ---- | 5306-042-5388 | BOLT, ASSEMBLED WASHER: hex-hd, int-teeth lock washer, header-pt, S, cd- or zn-pltd, 5/16-18UNC-2A x 5/8 rear top bow socket M38A1 (425388). | ea | 6 | | | |

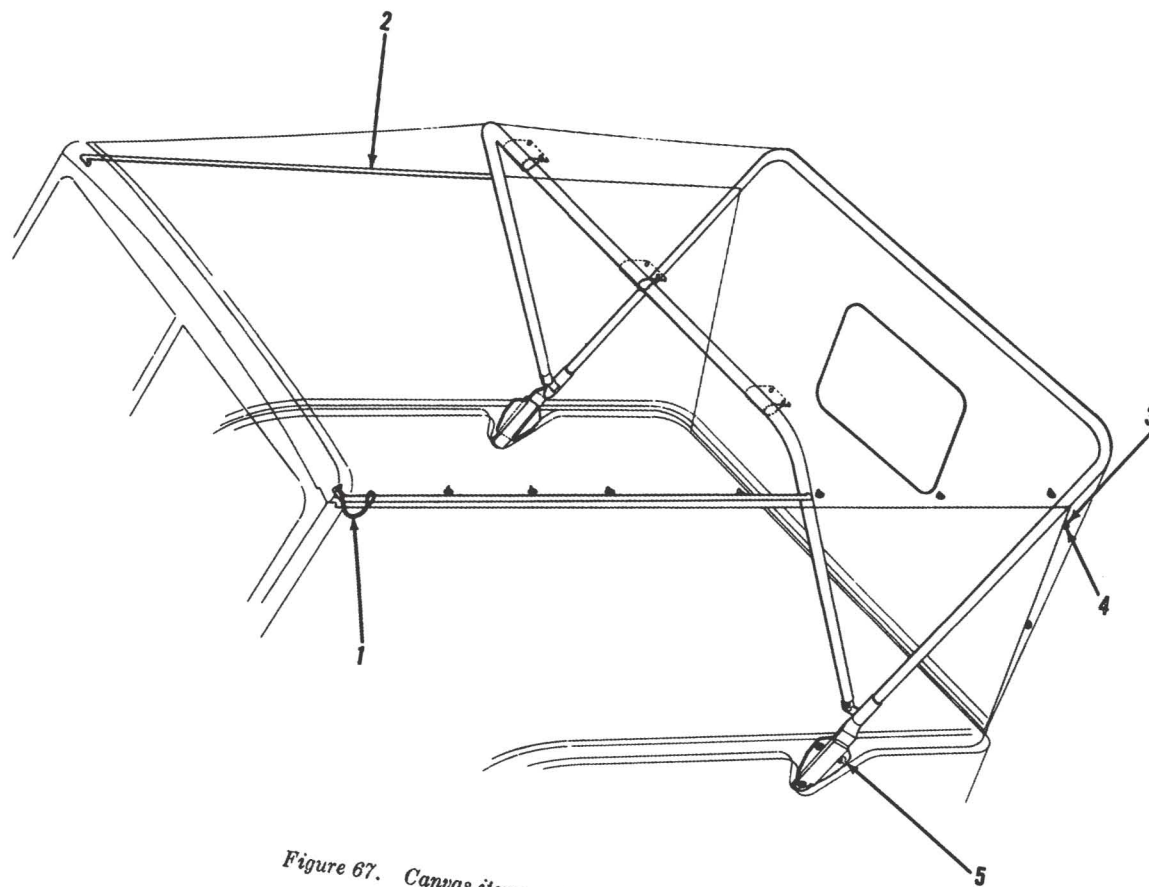
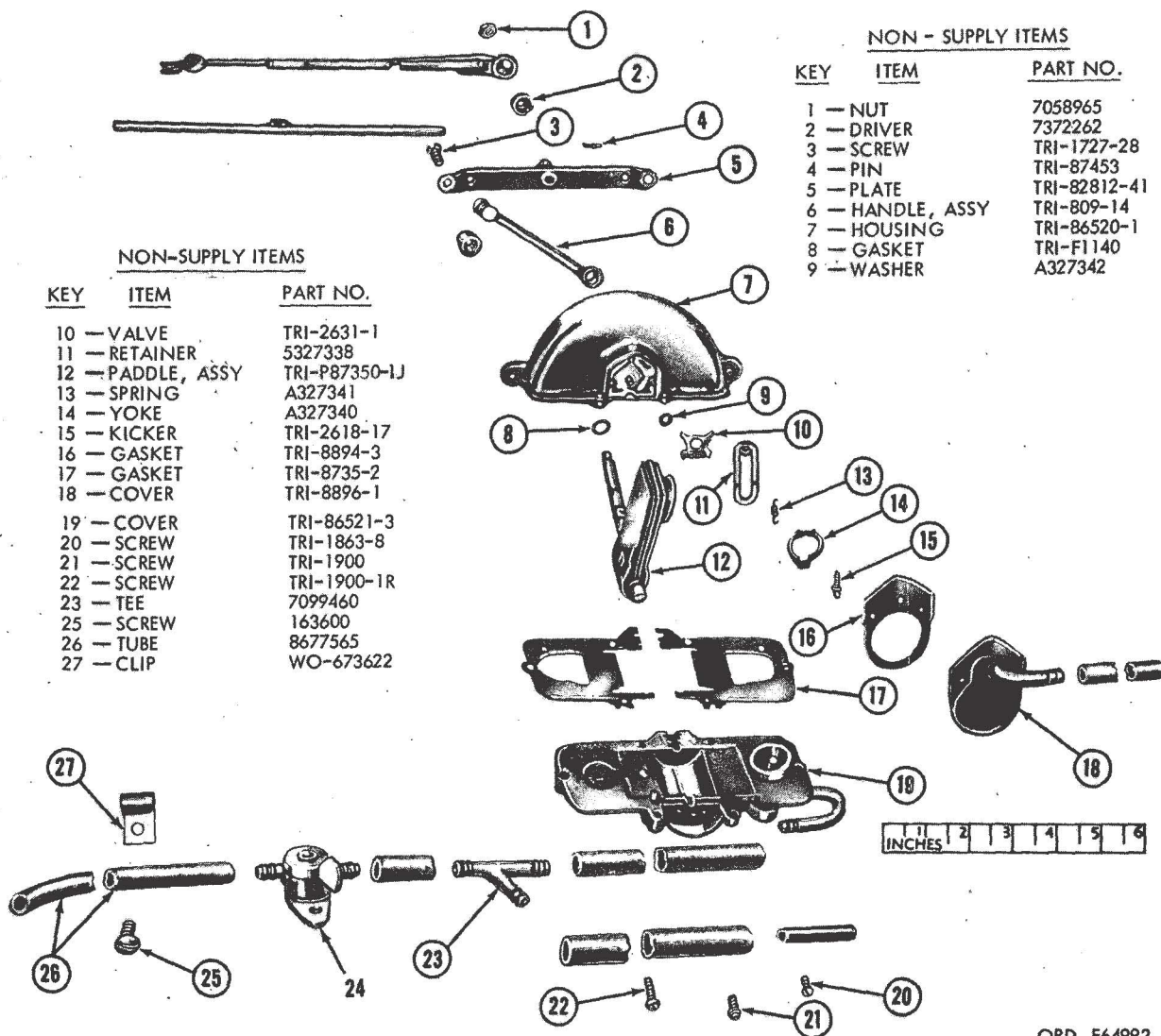


Figure 67. Canvas items and attaching parts.

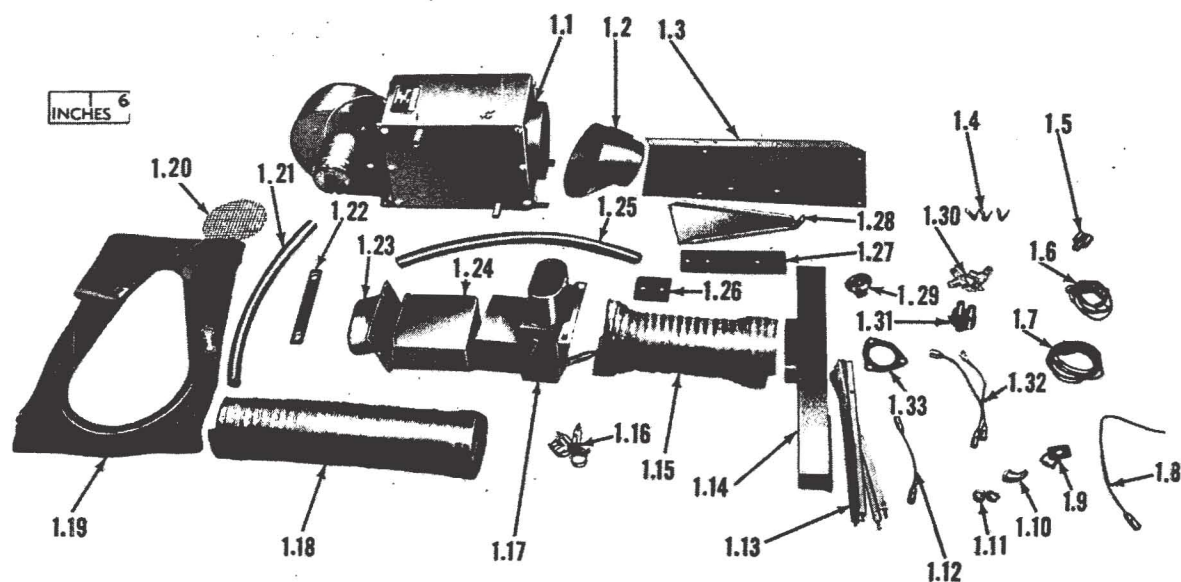
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| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p><i>22—MISCELLANEOUS BODY, CHASSIS OR HULL AND ACCESSORY ITEMS</i> —Continued</p> <p><i>2202—WINDSHIELD WIPER MOTOR AND RELATED PARTS</i> (fig. 68)</p> | | | | | |
| 68 | 24 | ---- | P | F | ---- | 4820-030-9417 | VALVE: air regulating wiper assy (8329996)--- | ea | 1 | | | |



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Figure 68. Windshield wiper motor and related parts—exploded view.



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Figure 69. Hot-water personnel heater kit—exploded view.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 69 | | | | | | | GROUP 33—SPECIAL PURPOSE KITS | | | | | |
| | | | | | | | 3303—HOT-WATER PERSONNEL HEATER KIT (fig. 69) | | | | | |
| | | | | | | | KIT: hot-water personnel heater (refer to SB 9-16) (for service parts see ORD 8, SNL G249, volume 40) (8710625). | ea | 1 | | | |
| | | | | | | | Composed of: | | | | | |
| | 1.1 | | | | | | 1 HEATER, assy (8386435) | | | | | |
| | 1.2 | | | | | | 1 ADAPTER, heater-to-heat duct (753-7537) | | | | | |
| | 1.3 | | | | | | 1 PLATE, heater mounting (8710641) | | | | | |
| | 1.4 | | | | | | 3 CLAMP, wiring harness (7385176) | | | | | |
| | 1.5 | | | | | | 1 CONNECTOR, "Y" (7982404) | | | | | |
| | 1.6 | | | | | | 1 RESISTOR ASSY (8710856) | | | | | |
| | 1.7 | | | | | | 1 CABLE, assy (8710633) | | | | | |
| | 1.8 | | | | | | 1 CABLE, assy (8710670) | | | | | |
| | 1.9 | | | | | | 1 SWITCH, heater (502676) | | | | | |
| | | | | | | | 1 NAMEPLATE, heater switch (7986147) | | | | | |
| | 1.10 | | | | | | 1 ELBOW, street, 45 deg (144119) | | | | | |
| | 1.11 | | | | | | 2 BUSHING, pipe, 1/2 x 3/8 (144039) | | | | | |
| | 1.12 | | | | | | 1 CABLE, assy (8710635) | | | | | |
| | 1.13 | | | | | | 4 CLAMP, heat duct (7537473) | | | | | |
| | 1.14 | | | | | | 1 DEFROSTER DUCT ASSY (8359645) | | | | | |
| | 1.15 | | | | | | 1 HEAT DUCT, flexible (7384219) | | | | | |
| | 1.16 | | | | | | 4 CLAMP, coolant hose (502913) | | | | | |
| | 1.17 | | | | | | 1 DIVERTER BOX, assy (8359661) | | | | | |
| | 1.18 | | | | | | 1 HEAT DUCT, flexible (18970-10602-4) | | | | | |
| | 1.19 | | | | | | 1 COVER, assy, winter front (8710614) | | | | | |
| | 1.20 | | | | | | 1 SCREEN, heater air inlet (7390375) | | | | | |
| | 1.21 | | | | | | 1 HOSE, coolant (8710557) | | | | | |
| | 1.22 | | | | | | 1 PLATE, assy (8359649) | | | | | |
| | 1.23 | | | | | | 1 ADAPTER, heat duct-to-firewall (835-9644) | | | | | |
| | 1.24 | | | | | | 1 ADAPTER, diverter-box-to-fire wall (8359639) | | | | | |
| | 1.25 | | | | | | 1 HOSE, coolant (8710558) | | | | | |
| | 1.26 | | | | | | 1 PLATE, backing (8359651) | | | | | |
| | 1.27 | | | | | | 1 PLATE, backing (8359652) | | | | | |
| | 1.28 | | | | | | 1 BRACKET, support, heater mounting plate (8359665) | | | | | |
| | 1.29 | | | | | | 1 THERMOSTAT, coolant (7954461) | | | | | |
| | 1.30 | | | | | | 2 SHUTOFF COCK (7524043) | | | | | |
| | 1.31 | | | | | | 1 CIRCUIT BREAKER (8376915) | | | | | |
| | 1.32 | | | | | | 1 CABLE ASSY (8710638) | | | | | |
| | 1.32 | | | | | | 1 CABLE ASSY (8710639) | | | | | |
| | 1.33 | | | | | | 1 GASKET, thermostat (8328456) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued | | | | | |
| | | | | | | | <i>3303—HOT-WATER PERSONNEL HEATER KIT (fig. 69)—Continued</i> | | | | | |
| | | | | | | | <i>NONILLUSTRATED ITEMS</i> | | | | | |
| | | | | | | 2540-039-7786 | PARTS KIT, CLOSURE HARD TOP: (735-8735). | ea | 1 | | | |
| | | | | | | 2540-039-7784 | WINTERIZATION KIT, VEHICLE: heater personnel (7358725). Composed of: 1 COVER, radiator, winter front seat (7358730) 1 DEFROSTER, windshield set (735-8728) 1 HEATER, personnel set (7358727) 1 PRIMER, engine set (7358729) | ea | 1 | | | |
| | | | | | | 2540-039-7785 | WINTERIZATION KIT, VEHICLE: heater power plant (7758726). Composed of: 1 BOX, battery heating set (7358732) 1 COVER, hood canvas set (7358650) 1 HEATER, engine set (7358731) 1 RECEPTACLE, slave set (7358734) | ea | 1 | | | |
| | | | | | | | <i>3305—DEEP WATER FORDING KITS</i> <i>NONILLUSTRATED ITEMS</i> | | | | | |
| | | | | | | 2540-301-7274 | KIT: deep water fording (M38A1) (5701837). | ea | 1 | | | |
| | | | | | | 2540-039-8386 | Composed of: KIT, air intake and exhaust tail pipe (8329722) | | | | | |
| | | | | | | 2540-039-8386 | KIT, deep water venting (7012125) KIT: air intake and exhaust tail pipe (832-9722). Composed of: | ea | 1 | | | |
| | | | | | | 5305-012-0706 | 2 BOLT, hex-hd, 1/4-20 x 1/2 (120706) | | | | | |
| | | | | | | 5305-012-1661 | 13 BOLT, hex-hd, 5/16-24 x 1 (121661) | | | | | |
| | | | | | | 4730-090-9328 | 1 BRACKET, air intake pipe (8735937) | | | | | |
| | | | | | | 4730-278-2061 | 6 CLAMP, air intake flex-hose to support (8329635) | | | | | |
| | | | | | | | 1 CLAMP, hose (502925) | | | | | |
| | | | | | | | 1 CLAMP, tail pipe to body (7998531) | | | | | |
| | | | | | | 2990-492-5480 | 1 DRAWING, installation | | | | | |
| | | | | | | | 1 GASKET, tail pipe to muffler (7048736) | | | | | |
| | | | | | | | 1 HOSE, flex, w/connector and clamp, assy, air intake (8735929) | | | | | |
| | | | | | | 5310-050-3348 | 13 NUT, hex (huglock), 5/16-24 (503348) | | | | | |
| | | | | | | 5310-012-6177 | 3 NUT, wing, 1/4-20 (126177) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>3305—DEEP WATER FORDING KITS</i> —Continued</p> <p><i>NONILLUSTRATED ITEMS—Continued</i></p> | | | | | |
| | | | | | | 5310-696-5173 | 2 NUT, w/washer, $\frac{1}{4}$ -20 (271172) | | | | | |
| | | | | | | 5330-623-8821 | 1 PIPE, tail (7998529) | | | | | |
| | | | | | | 5305-013-3056 | 1 RING, anti-squeak, air intake support (8735928) | | | | | |
| | | | | | | 5306-042-3561 | 3 SCREW, rd-hd, $\frac{1}{4}$ -20 x $1\frac{1}{2}$ (133056) | | | | | |
| | | | | | | | 2 SCREW, w/lockwasher, hex-hd, $\frac{5}{16}$ -18 x $\frac{7}{8}$ (423561) | | | | | |
| | | | | | | | 2 SCREW, w/lockwasher, hex-hd, $\frac{5}{16}$ -24 x $1\frac{1}{4}$ (65909-800585) | | | | | |
| | | | | | | 2540-735-1374 | 3 SPACER, $\frac{5}{16}$ id x $\frac{5}{8}$ lg clamp to support (7351374) | | | | | |
| | | | | | | | 1 STRAP, hood, air intake hose (8735930) | | | | | |
| | | | | | | 5310-527-3289 | 1 SUPPORT, w/bracket, air intake flex-hose (8735939) | | | | | |
| | | | | | | 5310-012-0393 | 3 WASHER, $\frac{1}{4}$ in. (120423) | | | | | |
| | | | | | | | 4 WASHER, $1\frac{1}{32}$ id, $1\frac{1}{16}$ od, 0.065 thk (120393) | | | | | |
| | | | | | | | KIT: deep water venting (7012125)----- | ea | 1 | | | |
| | | | | | | | Composed of: | | | | | |
| | | | | | | 5306-696-5377 | 1 BOLT, w/lockwasher, hex-hd, $\frac{3}{8}$ -16 x $\frac{5}{8}$ (7346875) | | | | | |
| | | | | | | 2910-623-9965 | 1 BRACKET, support, lower, dual control conduit (8677432) | | | | | |
| | | | | | | | 1 CLIP, conduit, dual control (120520) | | | | | |
| | | | | | | 5340-704-7998 | 3 CLIP, open, $\frac{5}{16}$ dia (7047998) | | | | | |
| | | | | | | 5340-333-6078 | 4 CLIP, open, S-type, $\frac{3}{16}$ in. dia tube (8329624) | | | | | |
| | | | | | | 2910-737-5063 | 1 CONNECTOR, ball check, $\frac{3}{16}$ in. tube (7375063) | | | | | |
| | | | | | | 4730-277-8764 | 2 CONNECTOR, flared tube, inverted (137404) | | | | | |
| | | | | | | 2540-632-8823 | 1 CONTROL, dual, crankcase ventilation valve (65909-806444). | | | | | |
| | | | | | | 4730-737-5128 | 1 COUPLING, transfer case air vent (7375128) | | | | | |
| | | | | | | | 1 DRAWING, installation | | | | | |
| | | | | | | | 2 ELBOW, flared tube, inverted (137420) | | | | | |
| | | | | | | | 1 ELBOW, flared tube, inverted (325200) | | | | | |
| | | | | | | | 1 ELBOW, pipe, street (444038) | | | | | |
| | | | | | | 4730-623-8827 | 1 ELBOW, pipe, street (8677538) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>3305—DEEP WATER FORDING KITS</i> —Continued</p> <p><i>NONILLUSTRATED—Continued</i></p> <p>2910-321-7423 1 HOSE, oil filler tube to air intake (832-9643)</p> <p>2520-040-2515 1 LINE, bell housing tee to transfer case (8329638)</p> <p>2805-040-2517 1 LINE, vacuum pump to bell housing tee (8329640)</p> <p>2910-625-2868 1 LINE, vent, fuel tank to elbow (701-2124)</p> <p>7 LOOM, split, $\frac{3}{16}$ id, 1 in. lg (65909-A-17445)</p> <p>4730-492-5042 1 NIPPLE, hose, $\frac{1}{4}$ std taper pipe thd (7047970)</p> <p>5310-012-0361 1 NUT, hex, No. 10 (0.190)-24 (120361)</p> <p>2540-769-7554 1 PLATE, fording vent valve (7697554)</p> <p>5305-016-1790 1 PLUG, pipe, sq-hd, $\frac{1}{4}$ (143933)</p> <p>5305-285-5296 4 SCREW, No. 6 (0.138)-32 x $\frac{3}{8}$ (161790)</p> <p>3 SCREW, w/washer No. 10 (0.190)-24 x $\frac{1}{2}$ (454783)</p> <p>1 TEE, flared tube (143481)</p> <p>2910-623-8830 1 TUBE, vent, fuel tank to air cleaner (7012126)</p> <p>2540-623-8829 1 TUBE, vent, master cylinder to air cleaner (8735931)</p> <p>2910-741-0836 2 VALVE, control, crankcase ventilator, w/pin, assy (7410836)</p> <p><i>ALTERNATING GENERATOR KIT</i></p> <p><i>NONILLUSTRATED</i></p> <p>2920-092-9390 KIT, 100 ampere, 28 volt, rectified ac-dc generating system (8699720). Composed of: 1 BELT, fan, matched set of 4 (8699837) 1 BRACKET, mounting, generator (869-9706) 4 BRACKET, mounting, rectifier (869-9708) 2 BRACKET, mounting, regulator (869-9722)</p> | ea | 1 | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>ALTERNATING GENERATOR KIT</i> —Continued</p> <p><i>NONILLUSTRATED ITEMS—Continued</i></p> <p>2 BRACKET, mounting, slotted, regulator (8699721)</p> <p>1 CABLE, generator-to-rectifier, assy (8699723)</p> <p>1 CABLE, rectifier-to-regulator, assy (8699711)</p> <p>1 CABLE, regulator-to-battery assy (8699724)</p> <p>4730-278-2493 2 CLAMP, HOSE: S, cd- or zn-pltd, in. (generator cable) (502913)</p> <p>5340-057-2706 2 CLAMP, LOOP: cushioned, S, cd- or zn-pltd, 5/8 od tube, hole for No. 10 screw (regulator cable) (572926)</p> <p>5315-012-4553 1 GENERATOR, engine, assy (28 volt, 100 amp, ac-dc) (7954720)</p> <p>5310-012-0622 1 KEY, WOODRUFF: alloy-S, 1/4 x 1 (No. 15) (generator pulley) (124553)</p> <p>4 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, No. 8 (0.164)-32NC-2B, 1 1/2 w, 1/8 thk (rectifier bracket) (120622)</p> <p>17 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/4-20UNC-2B, 1/16 w, 1/2 thk (cable support) (120375)</p> <p>2 NUT, PLAIN, HEXAGON: S, cd- or zn-pltd, 1/16-20UNF-2B, 1 1/16 w, 3/8 thk (generator mounting) (271506)</p> <p>1 NUT, SELF-LOCKING, HEXAGON: S, cd- or zn-pltd, 3/4-16UNF-3B, 1 1/16 w, 1 3/32 thk (generator pulley) (503449)</p> <p>1 PULLEY, crankshaft (8699713)</p> <p>1 PULLEY, generator (8699715)</p> <p>1 PULLEY, water pump and fan (869-9725)</p> <p>1 RECTIFIER, metallic, generator, assy (7954343)</p> <p>1 REGULATOR, generator, assy (869-9744)</p> <p>4 SCREW, CAP, HEXAGON HEAD: dld- f/lkg wire, low-carb-S, plain fin., 1/4-20UNC-2A x 1 1/8 (rectifier mounting) (121906)</p> | | | | | |

| (1) | | (2) | | | | (3) | (4) | (5) | (6) | (7) | | (8) |
|--------------|----------|---------------------------------------|--------|-------------------|----------------|-------------------|--|---------------|-----------------|--------------------------------|---------|---------------------------------|
| Illustration | | Source, maint and recoverability code | | | | Federal stock No. | Description | Unit of issue | Qty inc in unit | 15-day maint alw per 100 equip | | Depot maint guide per 100 equip |
| (a) | (b) | (a) | (b) | (c) | (d) | | | | | (a) | (b) | |
| Fig. No. | Item No. | Material code | Source | Maintenance level | Recoverability | | | | | Dir sup | Gen sup | |
| | | | | | | | GROUP 33—SPECIAL PURPOSE KITS —Continued | | | | | |
| | | | | | | | ALTERNATING GENERATOR KIT —Continued | | | | | |
| | | | | | | | NONILLUSTRATED ITEMS—Continued | | | | | |
| | | | | | | | 10 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/4-20UNC- 2A x 5/8 (regulator bracket) (120854) | | | | | |
| | | | | | | | 3 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/4-20UNC- 2A x 3/4 (cable support) (121887) | | | | | |
| | | | | | | | 1 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 3/8-16UNC- 2A x 1 (regulator bracket mounting) (120233) | | | | | |
| | | | | | | | 1 SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 3/8-16UNC- 2A x 2 3/4 (generator mounting bracket) (122201) | | | | | |
| | | | | | | | 1 SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, 7/16-20UNF- 2A x 1 1/2 (generator mounting) (181670) | | | | | |
| | | | | | | | 1 SCREW, CAP, HEXAGON HEAD: med-carb-S, cd- or zn-pltd, 7/16-20UNF- 2A x 3 1/2 (generator mounting) (181680) | | | | | |
| | | | | | | | 4 SCREW, MACHINE: rd-hd, S, cd- or zn-pltd, No. 8 (0.164)-32NC-2A x 1/2 (rectifier bracket) (132760) | | | | | |
| | | | | | | | 1 SUPPORT, generator cable (8699727) | | | | | |
| | | | | | | | 2 SUPPORT, rectifier cables (8699726) | | | | | |
| | | | | | | | 1 SUPPORT, rectifier cables (8699728) | | | | | |
| | | | | | | | 2 SUPPORT, regulator (8672823) | | | | | |
| | | | | | | | 1 VOLTMETER, generator and battery, assy (8376488) | | | | | |
| | | | | | | | 1 WASHER, pl, S, 25/32 id, 1 13/16 od, 0.0478 (BUFFER: assy) (generator pulley) (7720442) | | | | | |
| | | | | | | | 14 WASHER, LOCK: ext-teeth, S, cd- or zn-pltd, 1/4 bolt size (rectifier mounting) (121753) | | | | | |
| | | | | | | | 4 WASHER, LOCK: int-teeth, S, cd- or zn-pltd, No. 8 screw size (rectifier bracket) (138530) | | | | | |
| | | | | | | | 3 WASHER, LOCK: int-teeth, S, cd- or zn-pltd, 1/4 in. bolt size (cable support) (120423) | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| 70 | 1 | ----- | ----- | ----- | ----- | 2590-693-4224 | <p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>ALTERNATING GENERATOR KIT</i> —Continued</p> <p><i>NONILLUSTRATED ITEMS—Continued</i></p> <p>2 WASHER, LOCK: split, lt, cd- or zn-pltd, $\frac{3}{8}$ in. bolt size (generator mounting bracket) (120381)</p> <p>2 WASHER, LOCK: split, lt, S, cd- or zn-pltd, $\frac{1}{16}$ in. bolt size (generator mounting) (121621)</p> <p>8 WASHER, rectifier bracket (8699709)</p> <p>4 WASHER, rectifier mounting (8699719)</p> <p><i>3307—RADIO POWER FEED KIT</i> (fig. 70)</p> <p>KIT: installation, radio power feed (5701808)...</p> <p>Composed of:</p> <p>4 CLIP, CLOSED, 0.437 ID (7743748)</p> <p>6 BOLT, MACHINE, $\frac{1}{4}$-20NC-2 x $\frac{1}{2}$ (120626)</p> <p>6 WASHER, LOCK, $\frac{1}{4}$ in. (121637)</p> <p>6 NUT, PLAIN, HEX, $\frac{1}{4}$-20NC-2 (134551)</p> <p>1 HARNESS, W/ROAD RECEPTACLE, ASSY (7360663)</p> <p>1 BRACKET, RADIO RECEPTACLE (7360662)</p> <p>1 COVER, W/CHAIN, RADIO RECEPTACLE, (7261674)</p> <p>2 GROMMET, $\frac{3}{8}$ id x $2\frac{1}{32}$ od x $\frac{5}{16}$ thk (128157)</p> <p>4 BOLT, MACHINE, No. 6 (0.138)-32NC-2 x $\frac{1}{2}$ (132705)</p> <p>4 WASHER, LOCK, No. 6 (0.138) (131181)</p> <p>4 NUT, PLAIN, HEX, No. 6 (0.138)-32NC-2 (134530)</p> <p>1 BOLT, MACHINE, $\frac{1}{4}$-20NC-3 x $\frac{5}{8}$ (120854)</p> <p>2 WASHER, LOCK, INT-EXT-TEETH, $\frac{1}{4}$ x 0.760 (174916)</p> <p>1 NUT, PLAIN, HEX, $\frac{1}{4}$-20NC-2 (120375)</p> | ea | † | | | |
| | 1.1 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.2 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.3 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.4 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.5 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.6 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.7 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.8 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.9 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.10 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.11 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.12 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.13 | ----- | ----- | ----- | ----- | | | | | | | |
| | 1.14 | ----- | ----- | ----- | ----- | | | | | | | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|---|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p><i>GROUP 33—SPECIAL PURPOSE KITS</i> —Continued</p> <p><i>3307—RADIO POWER FEED KIT</i> (fig. 70)—Continued</p> <p><i>NONILLUSTRATED ITEMS</i></p> | | | | | |
| | | P | F | --- | | 2590-608-5604 | SWITCH, CONNECTOR: assy (used w/12 pole prime mover receptacle, to 4 pole trailer cable) (8689342). | ea | ‡ | | | |
| | | P | F | --- | | 2590-316-1027 | CONNECTOR, LEAD ASSY, RADIO: 24 V wtrprf, w/cable, assy (7355819). 1 CONNECTOR, CONDUIT, 90 DEG, ASSY (8365411). | ea | 1 | | | |

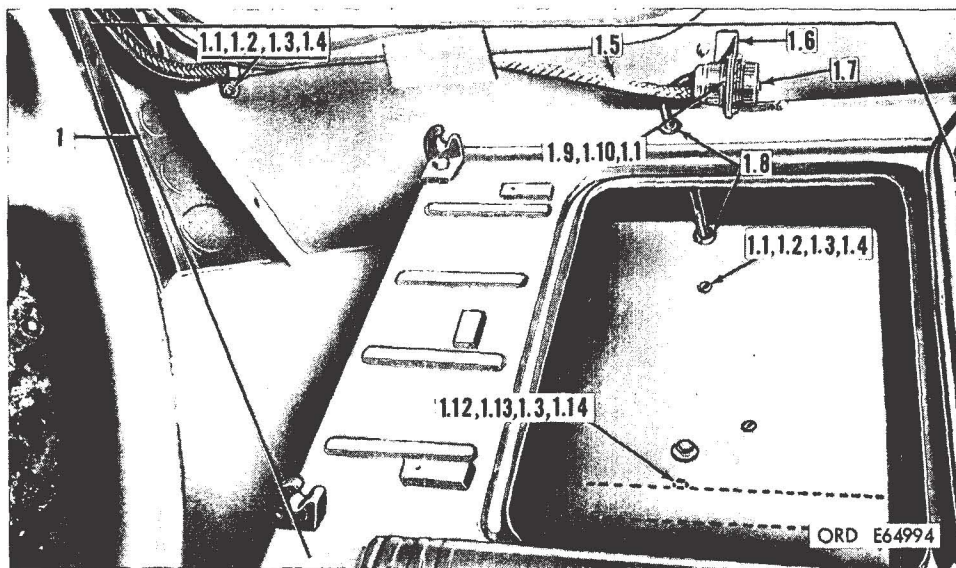
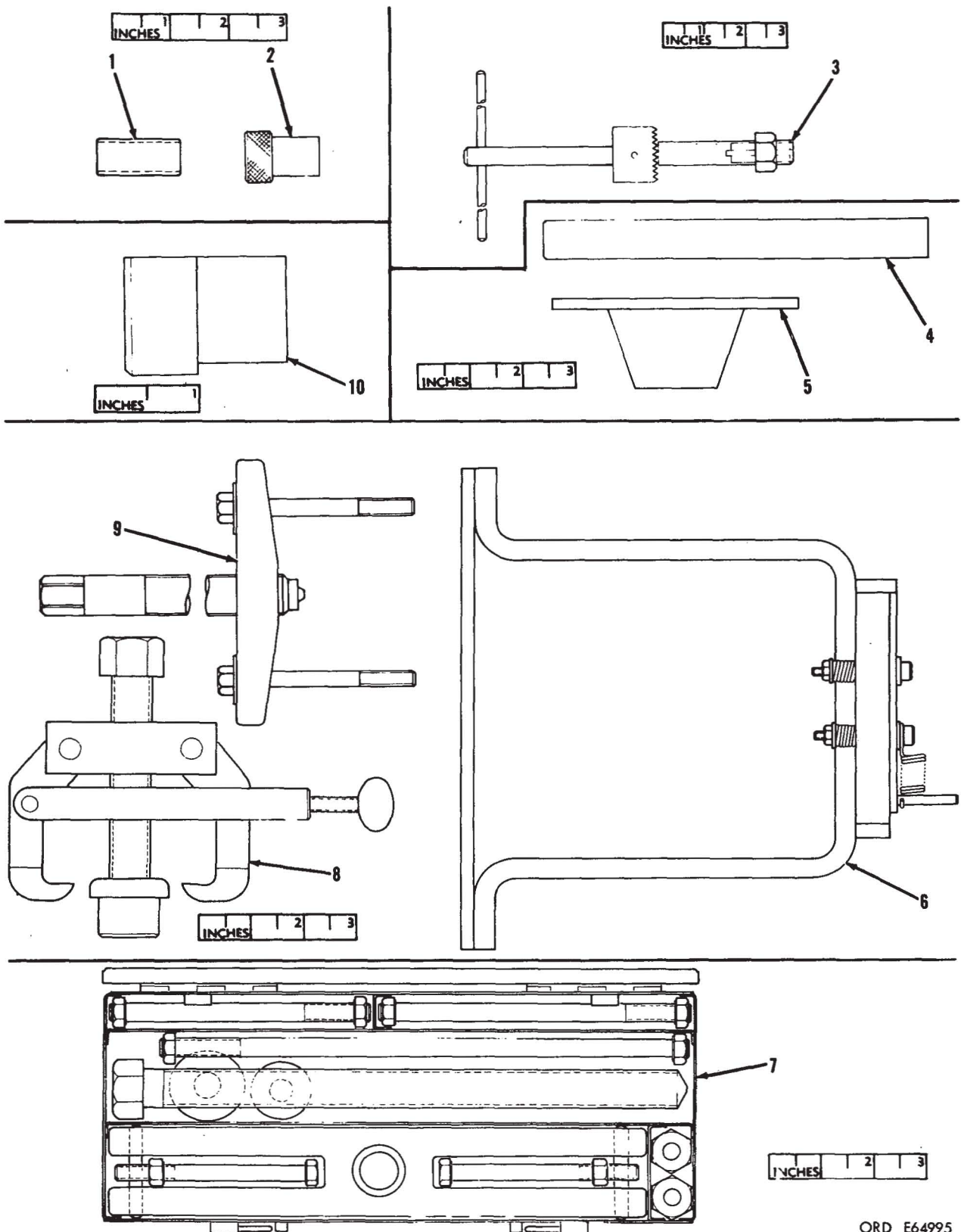


Figure 70. Radio power feed kit.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|---|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <i>47—SPEEDOMETER</i> | | | | | |
| | | | | | | | <i>4701—SPEEDOMETER EQUIPMENT</i> <i>(fig. 42)</i> | | | | | |
| 42 | 6 | ---- | P | F | ---- | 2520-769-7553 | GEAR: driven, w/integral shaft iud, then use gear, 2520-040-2483 (8328480). | ea | 1 | | | |
| 42 | 7 | ---- | C | F | ---- | 2520-040-2484 | SLEEVE: driven gear (8328481)----- | ea | 1 | | | |
| | | | | | | | <i>NONILLUSTRATED ITEM</i> | | | | | |
| | | | C | H | ---- | 6680-832-7566 | SHAFT ASSEMBLY, FLEXIBLE: w/casing and core, assy used w/engine, 2805-307-8857 (7389881). | ea | 1 | | | |



ORD E64995

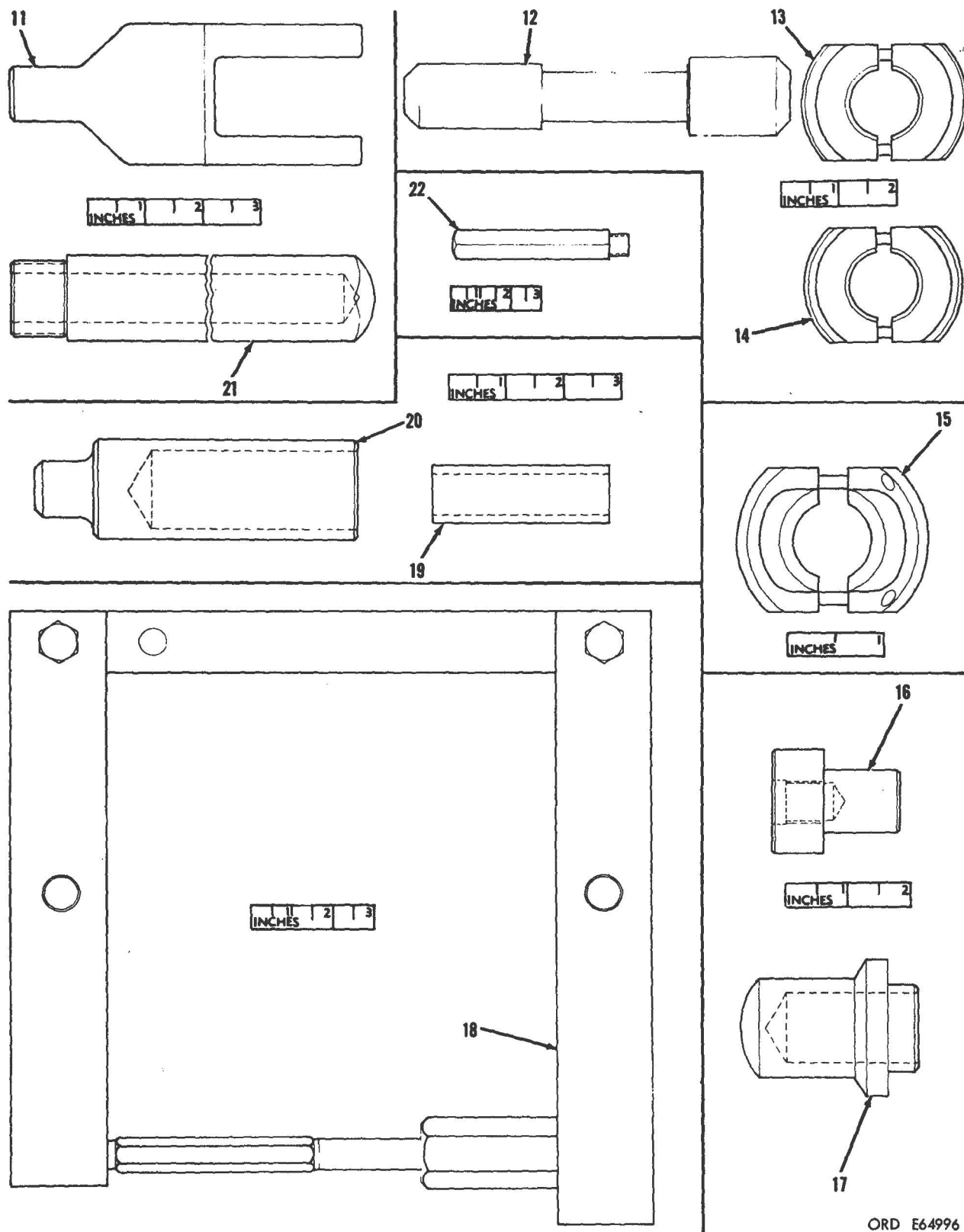
Figure 71. Special tools

SECTION III

DIRECT AND GENERAL SUPPORT TOOLS AND EQUIPMENT

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|--|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| GROUP 26—TOOLS AND TEST EQUIPMENT | | | | | | | | | | | | |
| 2604—SPECIAL TOOLS (fig. 71) | | | | | | | | | | | | |
| | | | P | F | ---- | 4910-795-0307 | TOOL KIT: field maintenance (direct support) special basic, for trucks, 1/4-ton, 4 x 4, M38, M38A1, M38A1C and M170 (7950307). | ---- | ---- | 1 | | |
| | | | P | F | ---- | 4910-795-0308 | TOOL KIT: field maintenance (general support) special, basic, for trucks, 1/4-ton, 4 x 4, M38, M38A1, M38A1C and M170 (7950308). The special tools listed below are components of the above kits and may be requisitioned under their individual stock numbers in accordance with quantities listed in column 7. | ---- | ---- | | 1 | |
| 71 | 1 | ---- | P | H | ---- | 5120-897-2926 | ADAPTER, SLEEVE: 1 1/4 dia x 1 1/2 lg (replacing M38A1, M170 intake valve guide) (used w/5180-708-3270 remover and replacer) (8366659). | ---- | ---- | | 1 | |
| 71 | 2 | ---- | P | H | ---- | 4910-474-9174 | LOCATOR: transfer case idler gear thrust washer (7081360). | ---- | ---- | | 1 | |
| 71 | 3 | ---- | P | F | ---- | 5110-473-7307 | REFACER: water pump body seal surface (7079716). | ---- | ---- | 1 | | |
| 71 | 4 | ---- | P | H | ---- | 4910-708-3214 | ARBOR, STRAIGHT: 3/4 dia x 6 7/8 lg (removing or replacing transmission countershaft) (7083214). | ---- | ---- | | 1 | |
| 71 | 5 | ---- | P | H | ---- | 4910-708-3351 | PLATE, ANGLE IRON: retaining transmission main shaft (7083351). | ---- | ---- | | 1 | |
| 71 | 6 | ---- | P | H | ---- | 4910-795-0873 | FIXTURE, GAGE: holding M38, M38A1 and M170 intake or exhaust valve (used w/5180-795-0601 gage, kit) (7950873). | ---- | ---- | | 1 | |
| 71 | 7 | ---- | P | F | ---- | 5120-338-6721 | KIT, PULLER: companion flange (8708724). | ---- | ---- | 1 | | |
| 71 | 8 | ---- | P | H | ---- | 5120-473-7316 | REMOVER: differential case bearing cone (7078129). | ---- | ---- | | 1 | |
| 71 | 9 | ---- | P | F | ---- | 5120-708-3384 | PULLER: M38, M38A1 and M170 crankshaft or camshaft timing gears (7083384). | ---- | ---- | 1 | | |
| 71 | 10 | ---- | P | H | ---- | 4910-708-3264 | LOCATOR: transfer case countershaft thrust washer (7083264). | ---- | ---- | | 1 | |
| 72 | 11 | ---- | P | H | ---- | 5120-473-7317 | REMOVER, FORKED TYPE: transfer case front bearing cones (7080057). | ---- | ---- | | 1 | |
| 72 | 12 | ---- | P | F | ---- | 5120-473-7370 | REMOVER AND REPLACER: front wheel spindle bushing (7076526). | ---- | ---- | 1 | | |
| 72 | 13 | ---- | P | H | ---- | 5120-708-3268 | REMOVER AND REPLACER: drive pinion inner bearing cup (used w/5120-708-3216 screw (7083268). | ---- | ---- | | 1 | |

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---|---------------------|--|-------------------|------------------------------|---------------------------|------------------------------|--|--------------------------|----------------------------|---------------------------------------|--------------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| <p align="center">GROUP 26—TOOLS AND TEST EQUIPMENT—Continued</p> <p align="center">2604—SPECIAL TOOLS (fig. 72)</p> <p align="center">—Continued</p> | | | | | | | | | | | | |
| 72 | 14 | ---- | P | H | ---- | 5120-708-3269 | REMOVER AND REPLACER: drive pinion outer bearing cup (used w/5120-708-3216) (7083269). | ----- | ----- | ----- | | 1 |
| 72 | 15 | ---- | P | F | ---- | 5120-708-3344 | REMOVER AND REPLACER: driving pin bearing cup (used w/5120-708-3341 remover and replacer, screw) (7083344). | ----- | ----- | ----- | 1 | |
| 72 | 16 | ---- | P | H | ---- | 5120-473-7431 | REPLACER: differential case bearing cones (7080036). | ----- | ----- | ----- | | 1 |
| 72 | 17 | ---- | P | F | ---- | 5120-708-3349 | REPLACER: transfer case output shaft rear bearing cap oil seal (7083349). | ----- | ----- | ----- | 1 | |
| 72 | 18 | ---- | P | H | ---- | 4910-708-3376 | SPREADER: differential carrier (7083376). | ----- | ----- | ----- | | 1 |
| 72 | 19 | ---- | P | H | ---- | 4910-378-4335 | SLEEVE: replacing transmission countershaft needle bearing (7083350). | ----- | ----- | ----- | | 1 |
| 72 | 20 | ---- | P | H | ---- | 5120-708-3207 | REPLACER: transfer case output shaft snap ring or front bearing cone (7083207). | ----- | ----- | ----- | | 1 |
| 72 | 21 | ---- | P | H | ---- | 5120-208-3126 | SCREW: used w/removers and/or replacers (7083216). | ----- | ----- | ----- | | 1 |
| 72 | 22 | ---- | P | F | ---- | 5120-708-3341 | REMOVER AND REPLACER, SCREW: used w/removers and/or replacers (7083341). | ----- | ----- | ----- | 1 | |
| <p align="center">NONILLUSTRATED ITEMS</p> | | | | | | | | | | | | |
| | | | P | H | ---- | 4910-708-3385 | GAGE, SET: drive pinion setting (7083385). Composed of: 1 GAGE, drive pinion setting (7083386) 1 GAGE, checking drive pinion setting gage (7083387) 1 SPACER (7083429) 1 BOX ASS'Y., gage (8690020) | ----- | ----- | ----- | | 1 |
| | | | P | F | ---- | 4910-795-0601 | KIT, GAGE: valve cap clearance checking (7950601). Composed of: 1 GAGE, valve cap clearance checking (7083104) 1 COLLAR (7950602) 1 BOX (7950603) | ----- | ----- | ----- | 1 | |
| | | | P | H | ---- | 4910-708-3270 | REMOVER AND REPLACER: set (7083270). Composed of: 1 DRIVER (7083261) 1 ADAPTER (7083262) 1 ADAPTER (7083263) | ----- | ----- | ----- | | 1 |



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Figure 72. Special tools.

| (1) Illustration | | (2) Source, maint and recoverability code | | | | (3) Federal stock No. | (4) Description | (5) Unit of issue | (6) Qty inc in unit | (7) 15-day maint alw per 100 equip | | (8) Depot maint guide per 100 equip |
|---------------------|-----------------|--|---------------|--------------------------|-----------------------|--------------------------|--|----------------------|------------------------|---------------------------------------|----------------|--|
| (a) Fig. No. | (b) Item No. | (a) Material code | (b) Source | (c) Maintenance level | (d) Recoverability | | | | | (a) Dir sup | (b) Gen sup | |
| | | | | | | | <p>GROUP 26—TOOLS AND TEST EQUIPMENT—Continued</p> <p>2604—SPECIAL TOOLS (fig. 72) —Continued</p> <p>NONILLUSTRATED ITEMS—Continued</p> | | | | | |
| | | P | F | ---- | | 5120-473-7605 | <p>TOOL, GLASS SEAL INSTALLING: M38, M38A1 and M170 (7080040).</p> <p>Composed of:</p> <p>2 HANDLE (7080041)</p> <p>1 SPREADER (7080050)</p> <p>1 HOLDER (7080053)</p> | ---- | ---- | 1 | | |
| | | P | F | ---- | | 5120-473-7617 | <p>TOOL, TRANSFER: shifter shaft oil seal (7080030).</p> <p>Composed of:</p> <p>1 DRIVER (7080031)</p> <p>1 THIMBLE (7080032)</p> | ---- | ---- | 1 | | |

SECTION IV

INDEXES

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